Portfolio

Jackie Morris
jackiemorrisdesign@gmail.com

With over 40 years of experience, I have established myself as a professional with a strong reputation in the graphic design industry. My thorough knowledge of Adobe's InDesign, Illustrator, Photoshop and Figma, After Effects and Premiere Pro along with a firm command of Microsoft's PowerPoint and Word programs provides a well-rounded skill set, ensuring a high-quality product every time.

My many years working for high-tech companies, such as Nokia (formerly Alcatel-Lucent) and Nortel Networks, have provided me with an extensive collection of network diagrams, technical illustrations and PowerPoint presentations. As well, my four-year contract with Canada Post expanded my scope of work to include over 2,000 illustrations for their Cancel Stamp program.

In addition to these accomplishments, my diverse portfolio also includes illustrations for children's books, logo design, photo editing and complex collateral layouts. My attention to detail and ability to turn jobs around in record time makes me the best choice for all your graphic design needs.

Animations (Motion Graphics)

Book cover designs

Brochures

Children's book illustrations

Cover art

Document layout and photo editing

Document layout in several languages

Figma

Flyers and fact sheets

Fund-raising

Illustrations

Infographics

Just for Fun

Logo designs

Magazine cover series

Pictorial cancel stamps

PowerPoint

SoMe graphics

Title slides

Web graphics

Motion graphics is a dynamic visual communication medium that combines graphic design, animation, and multimedia elements to create engaging and compelling content. It involves the use of animated elements, typography, imagery, and sound to convey messages, tell stories, or evoke emotions. Motion graphics are widely used in various fields such as advertising, film and television, user interface design, video games, and social media. One of the key strengths of motion graphics is its ability to convey complex ideas or information in a visually appealing and easily understandable format. With advancements in technology and software tools, motion graphics artists have a wide range of techniques and styles at their disposal, from 2D animation to 3D modeling and compositing, allowing them to create stunning visual experiences that captivate audiences and leave a lasting impression.

Please visit my YouTube channel to view my latest projects!

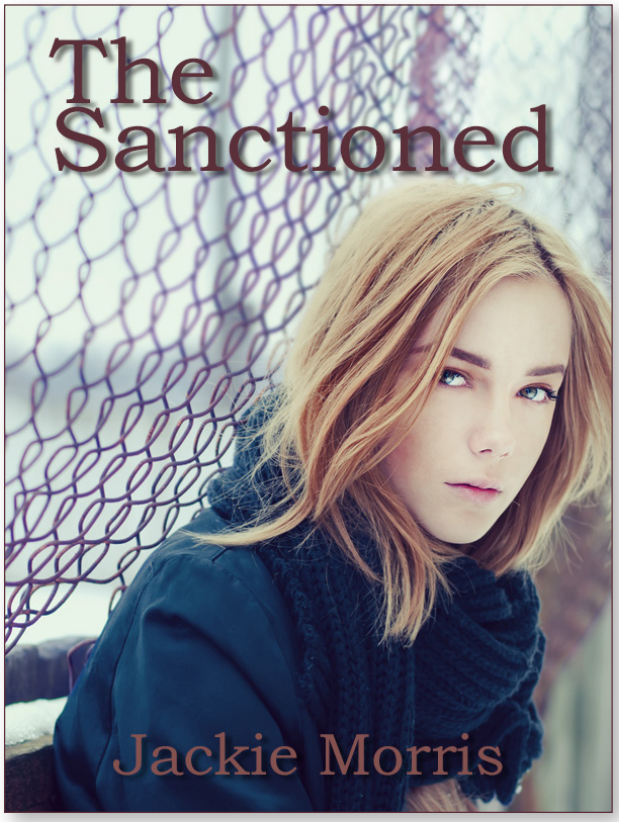
"The Future is Now"

"Fast"

"High Tech"

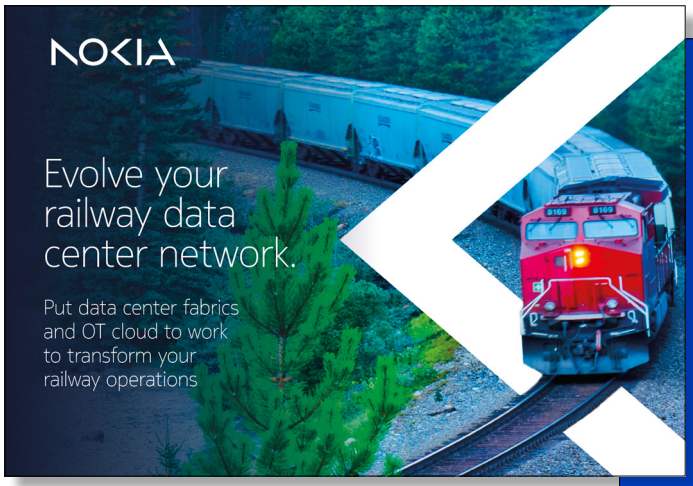
"High Tech 2"

Luminaria
JACKIE MORRIS


The Sanctioned
Jackie Morris

MAGMARIA
JACKIE MORRIS

GLURG'S ADVENTURE IN PARIS
Written and Illustrated by
Shelby & Jackie Morris



Why railways are moving operational technology to the OT cloud

Railway operators everywhere are working to expand their high-speed services, boost train capacity, enhance passenger services and improve safety and security. They are also searching for better ways to deal with disruptions caused by powerful weather events and economic shifts.

Many operators are addressing these challenges by migrating their operational technology (OT) applications and data to a segregated, on-premises cloud environment known as the OT cloud. The first wave of migration is underway and includes OT applications such as:

- FRMCS, train-to-ground broadband wireless core and other telecommunication systems
- Group communications, push-to-talk (PTT) and push-to-video (PTV)
- Next-generation computer-aided dispatch (CAD) systems
- Computer-based interlocking (IXL) and digital signaling systems
- SCADA systems.

To get maximum benefit from your OT cloud, you need data centers that can provide resilient, scalable and secure connectivity for the servers that host your OT applications and data. This connectivity, interworking with the WAN, will help you use OT to create an adaptive digital rail system that uses data-driven automation to respond to new challenges with smarter decisions, greater efficiency and higher agility.

Is your data center fabric ready for OT?

To support OT applications, your data center fabric needs to meet stringent requirements relating to availability, quality of service (QoS), security and internetworking.

Strong resiliency and high availability

Communication outages can disrupt the flow of data to safety-critical OT applications and cause you to lose real-time visibility and control of your rail infrastructure. To avoid outages, your data center fabric must complement the robustness of your network backbone with high levels of resiliency and availability.

Flexible QoS capabilities

Your data center fabric needs flexible QoS capabilities to meet the demands of diverse OT applications. A fabric that lets you set QoS levels by application or user class can help you control heavy usage, protect your network from microbursts of data and ensure consistent performance for OT applications.

Seamless integration with the backbone network

Your data center fabric and backbone network need to internetwork seamlessly to connect IoT devices and users to applications in the OT cloud. This integration is essential for supporting use cases that combine trackside infrastructure with digital assets such as SCADA and train control system applications.

Robust network security

Your attack surface will grow when the data center fabric becomes part of your mission-critical railway network. Your data center fabric needs a multi-layer zero-trust security framework that can help defend your platforms and network against sophisticated cyber threats.

data center fabric for OT cloud

nter Fabric solution provides etworking that connects your OT re to physical railway assets with and five-nines availability. It also dge IT agility to fit your existing

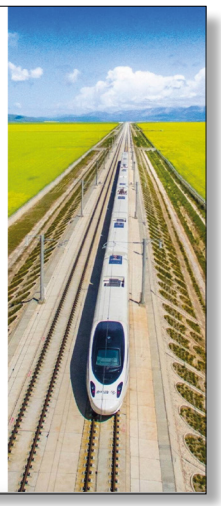
Our solution lets you bring new levels of openness and automation to data center networking. This helps your OT teams control and accelerate the digitalization and automation of your rail operations. It also enables them to collaborate seamlessly with your data center staff to scale and adapt the fabric to meet changing OT needs while containing costs and improving efficiency.

reliability

- gher availability
- en OS foundation
- routers
- nternetworking
- cy protection
- ance sustainable HW
- twork security

Cutting edge IT agility

- K8s-based fabric management
- Intent-based automation
- Seamless integration with CMS and other IT automation ecosystems
- Linux/container-based NOS
- State-of-the-art NDK
- Digital sandbox



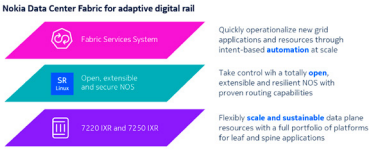
A blueprint for smooth fabric-backbone interconnection

Our Data Center Fabric solution supports an interconnection blueprint that addresses the need for seamless internetworking between the fabric and the IP/MPLS backbone core network. This blueprint uses a data center gateway to reliably connect physical assets across the rail system with digital assets in the OT cloud. It ensures that OT application software always delivers high performance.

With our data center gateway, you can take advantage of seamless control, data and service plane interconnection to:

- Fully automate application deployment
- Accelerate disaster recovery and preserve operational continuity
- Seamlessly connect applications with intelligent rail assets and other IoT devices
- Extend a consistent QoS policy across the data center and backbone
- Enable IoT devices to communicate with each other
- Implement comprehensive filtering rules to protect your applications against DDoS attacks.

Nokia Data Center Fabric for adaptive digital rail



Quickly operationalize new grid applications and resources through intent-based **automation** at scale

Take control wih a totally **open**, extensible and resilient NOS with proven routing capabilities

Flexibly **scale and sustainable** data plane resources with a full portfolio of platforms for leaf and spine applications

Let us help you unlock the potential of OT applications

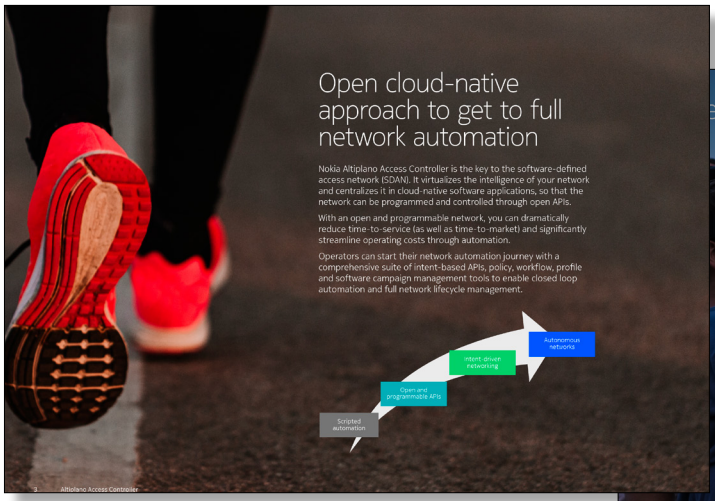
Nokia is ready to help you harness the power of OT cloud to build an adaptive digital railway that's ready for any challenge or change. With our mission-critical communication network blueprint, you can seamlessly interconnect your backbone core network with your data center fabric to meet the demands of any OT application.

Contact us to learn more about how our Data Center Fabric solution can help you build a cloud-optimized communications platform that will empower your railway to thrive in the digital future.

Simplify and automate your broadband network operations

Your access network is the future of your business. From a greenfield deployment to a brownfield enhancement, your network is constantly evolving. The Nokia Altiplano Access Controller provides the tools you need to easily deploy and manage your network today and grow into new broadband technologies and communication services.

As operators start deploying SDN/NFV, there is an increasing realization that a fundamental change is needed in the network management layers. Altiplano represents this next step in the evolution of fixed access management systems. Altiplano provides an SDN platform, uniquely designed for automating operations and leveraging modern cloud technologies to simplify IT and OSS integration.



Open cloud-native approach to get to full network automation

Nokia Altiplano Access Controller is the key to the software-defined access network (SDAN). It virtualizes the intelligence of your network and centralizes it in cloud-native software applications, so that the network can be programmed and controlled through open APIs.

With an open and programmable network, you can dramatically reduce time-to-service (as well as time-to-market) and significantly streamline operating costs through automation.

Operators can start their network automation journey with a comprehensive suite of intent-based APIs, policy, workflow, profile and software campaign management tools to enable closed loop automation and full network lifecycle management.

ered by software-defined networking

Automation and abstraction

- Simplifies network management through intent-based abstractions for optimized automation of tasks such as device deployment and subscriber fulfillment.
- Provides monitoring insights of the configurations via abstract rollup of various KPIs into health indicators.
- Automatically optimizes the network via policies, such as correcting configuration misalignments.
- Guaranteed ACID (Atomicity-Consistency-Isolation-Durability) properties for transactions.

Unified management

- Serves as a single management interface for your OSS/BSS.
- Provides workflows and tools to visualize, automate and optimize the network.
- OSS can perform operations that seamlessly span several network elements.
- Functions across different operational deployment models and device implementations.
- Enforce business rules independently from the underlying implementations.
- Bridge traditional and software-defined networks (PNFs and VNFs).

Programmable, modular design

- Open modular framework of scalable and reusable components.
- Full programmability of devices and capabilities through a set of open and standard interfaces.
- Fully multi-vendor capable and YANG model driven.
- Rich choice of NBI protocols: Netconf, Restconf, Kafka, REST, WebUI.
- Decouples devices and service layers, which inherently reduces the risk of introducing new technologies, allowing incremental investment in new systems and services.

Ready for the cloud era

- Cloud-native microservices solution, pre-integrated with common tool chains and IT platforms.
- Catering to all cloud deployment models and easy to migrate.
- Persistent network representation in the cloud, always in sync with connected network elements.
- Scalable data telemetry framework for network assurance processes.
- Centralized data store for easy access and back-up and restore.
- Application marketplace & SDK to meet unique business needs

Always-on, zero-touch provisioning

An always-on network extends the concept of high availability and ensures that network operations are always available. Altiplano provides logic and primitives that let you control and monitor hundreds of thousands of nodes. It presents a logical and abstract interface to the OSS so that it no longer needs direct access to the devices. By removing the need to manually coordinate provisioning and installation activities, a zero-touch environment is created. For example, network nodes can be fully provisioned, and configuration verified, before installation. This makes installation a simple plug and play operation: after the node is powered up, it communicates with the cloud, loads the right software and is automatically configured. This drastically reduces the time required to install equipment and bring it into service. With an always-on network, you simplify the field operations, reduce integration time and reduce time-to-market.

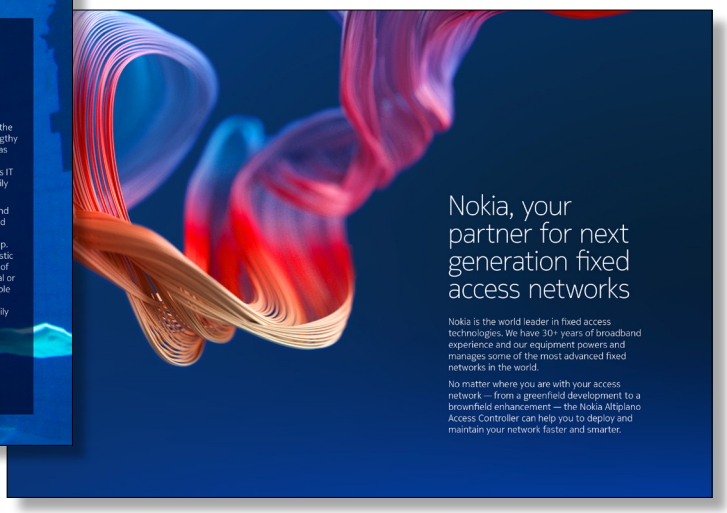
Network sharing and slicing

Altiplano has a powerful slicing engine enabling you to partition your physical network as many times as possible. Each slice can have different characteristics to cater for different services or types of traffic e.g for Industry 4.0, smart cities or cloud gaming. A partition can also be used to deliver wholesale open access and enable sharing of network resources among virtual network operators (VNOs). The sharing includes passive cabling, equipment, and ports, with strong operational isolation and process automation, while increasing flexibility and maintaining network visibility and control for the VNOs. It offers a configurable level of control allowing VNOs to set their own service levels and provide VNO differentiation. The solution is easily scalable and lets you manage large numbers of partitions and parameters without slowing down nodes.

Open and standardized

Nokia strongly commits to collaborating with open industry initiatives and standard bodies to increase solution interoperability. Openness at all layers speeds up the pace of innovation and avoids lengthy integration cycles. Open source has also become an integral part of Nokia's R&D process. Best-in-class IT and open-source tools were heavily used in building our solution.

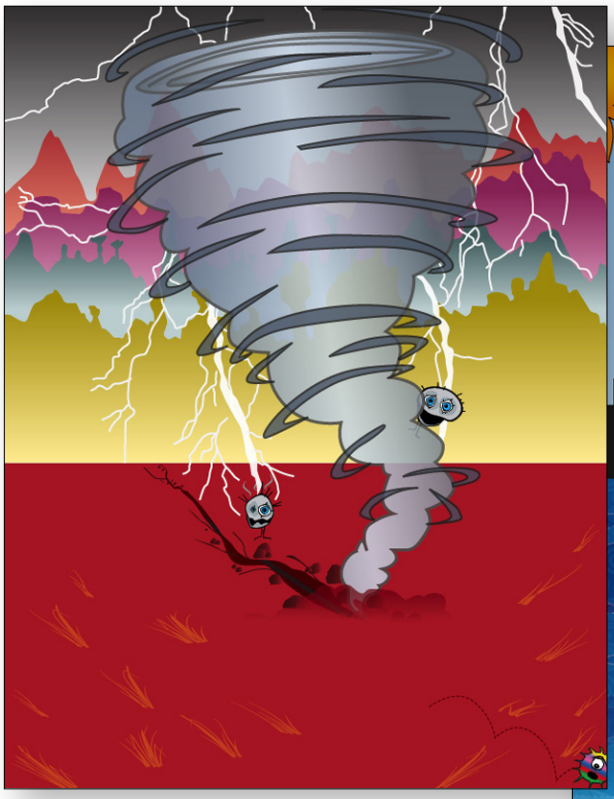
Altiplano adheres to the Broadband Forum's Cloud CO architecture and can easily manage 3rd party equipment in a multivendor set-up. Altiplano supports a vendor agnostic device management for any type of equipment, whether it's traditional or SDN. This is all thanks to the flexible device modeling and powerful software plugins that allow to easily extend the platform capabilities.

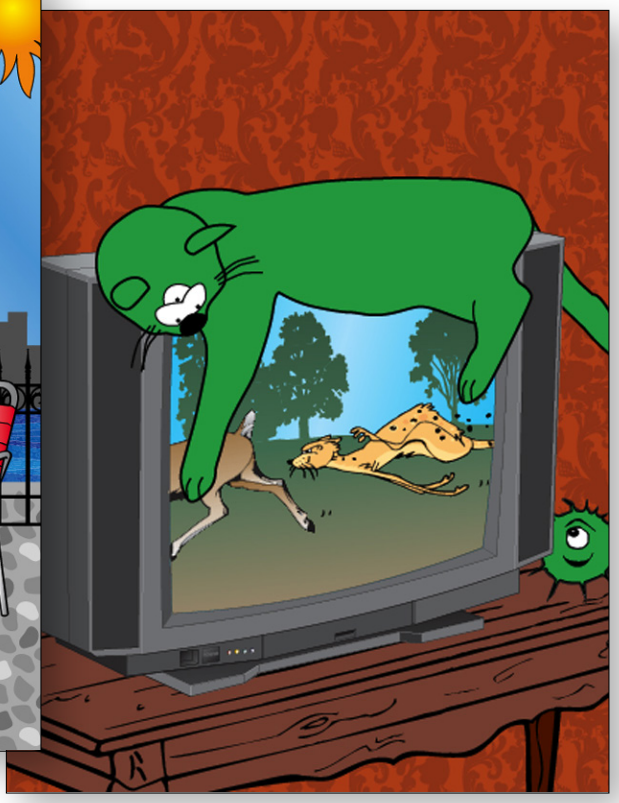


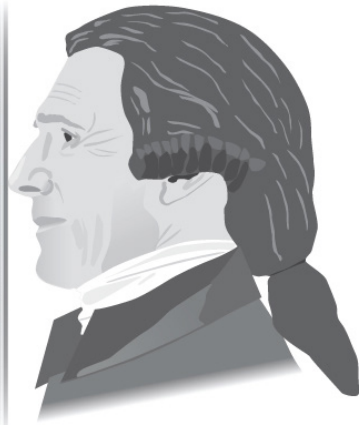
Nokia, your partner for next generation fixed access networks

Nokia is the world leader in fixed access technologies. We have 30+ years of broadband experience and our equipment powers and manages some of the most advanced fixed networks in the world.

No matter where you are with your access network — from a greenfield development to a brownfield enhancement — the Nokia Altiplano Access Controller can help you to deploy and maintain your network faster and smarter.







Corporate Social Responsibility Report 2024

Alcatel-Lucent Enterprise
Corporate Social Responsibility Report 2024

Alcatel·Lucent
Enterprise

ONTARIO WINE
APPELLATION AUTHORITY

A Reference for
VQA Wineries

Tricia Ramnath
Revised February 2024

Ontario Wine Appellation Authority

A reference for VQA wineries

MITSUBISHI ELECTRIC
Changes for the Better

The benefits of autonomous solutions for transportation logistics at commercial hubs

FERTILIZER CANADA

Can 4R Practices Limit the Nitrous Oxide Emissions from Increasing Fertilizer Use in Sub-Sahara Africa?

February 2024

Guillaume Ezui, Karen Haugen-Kozyra, Dan Heaney, Labonya Nirjan, Clyde Graham, Samuel Njoroge, Shamie Zingore & Tom Bruulsema

Document layout and photo editing

TOC

▲ **Delivering by hand** (WINNIPEG, MAN.) Dozens of children got to hand their Christmas letters to Santa (retired letter carrier Doug Smith) in person at the launch of the Prairie East Santa Letter-writing Program. Children waiting to meet Santa were entertained by Shrine clowns **Kevin Davis**, letter carrier and driver, and **Claude Hebert**, Rural and Suburban Services officer. Shown here, young Ashley Sayer, of Winnipeg, meets Santa at the program launch held at the Winnipeg Millennium Library. *Dan Tymko, Communications, Prairie*

▲ **Doubling that Christmas spirit** (WHITEHORSE, YT) At the annual Festival of Trees, the Whitehorse Mail Processing Plant's tree raised more than $2,200 for the Whitehorse General Hospital. At this annual event, local businesses purchase and decorate a tree, at their own expense, to be auctioned off to the community. The WHMPP tree was displayed at a local restaurant until after the holiday season. The campaign is one of the mainstays of the hospital's annual fundraising and this year's Festival of Trees exceeded $100,000, which will be used to purchase much-needed medical equipment and supplies. Shown here, **Sarah Galina**, a postal employee at the Whitehorse Mail Processing Plant, shows off the tree she helped decorate for the festival. *Nowaida Sorour*

Delivering the joys of Christmas in so many ways

A giving tradition (HALIFAX, N.S.) At the annual Maritime Christmas Daddies Telethon auction, an enlargement of the Madonna and Child stamp was sold, helping this year's auction raise more than $10,000. Since 1964, the telethon has been raising funds for less fortunate children throughout the Atlantic region. Kay Briand, a.k.a. "The Pie Lady," was once again the successful bidder on the Canada Post Christmas stamp. "The Pie Lady" has purchased every Christmas stamp donated by Canada Post for this worthy cause and, over the years, has brought in more than $250,000 to the fundraiser. It is estimated that Kay has baked 50,000 pies over the last 42 years to raise money for the Christmas Daddies Telethon. Now, at 89 years of age, she sells 50/50 tickets every weekend and hosts the auction at the North End Pub in Halifax to raise funds. All 15 stamp enlargements since 1991 are proudly displayed at the pub. Shown here are Kay Briand with auctioneer and friend Bobby Parker beside the Madonna and Child stamp enlargement showing the Noel, Nova Scotia, cancellation below it. *Avril Vollenhoven, Manager, Communications, Atlantic*

'Tis the season

◀ **(LONDON, ONT.)** Sporting their Christmas spirit, letter carrier **Toni Demelo**'s family suited up in their letter carrier gear ready to participate in London's annual Santa Claus parade. Shown from left to right: Alex Demelo, 9, Deon Demelo, 10, Jake Demelo, 9, and Taylor Robertson-Thorne, in front of the division office. *DT*

◀ **(EDMONTON, ALTA.)** Beating out the competition, this mini-train decorated as Canada Post vehicles was voted best float out of 33 entries at the "Jingle-on-Indoors Santa Parade". Santa's helpers, made up of Canada Post employees and their children, rode the float. Shown here are supervisor **Christine Carbe** pulling the float with Breanna Taylor as Postie Bear and letter carrier **Toni Werkman** (waving) watching the children. *DT*

▲ **(SASKATOON, SASK.)** This winning float took first prize in the commercial category of the local Santa Claus parade. Meanwhile, 34 Canada Post employees and their families handed out some 2,800 candy canes and collected 200 Santa letters along the parade route. Shown here is supervisor **Sheryl Dewey** putting the finishing touches to one of the participating children. *DT*

Floating Christmas cheer

(WINNIPEG, MAN.) Two Canada Post floats joined the annual Santa Claus parade, delighting children young and old. Twenty employees walked the two-kilometre route collecting Santa letters from children and handing out Canada Post bookmarks and mini-footballs. This year's event was extra special because it was combined with the annual Grey Cup parade to celebrate the 94th Grey Cup played in Winnipeg. There were 120 floats and 5,000 parade participants entertaining approximately 100,000 spectators. Shown from left: postal clerks **Karen Shultz** and **Lucille Bodner**, **Gisele Rainville**, Production Control and Reporting clerk, **Annette Eibner**, administrative assistant, **Tim Mazur**, MSC, **Nellie Milligan**, Contact Centre representative and **Brian McKeehan**, MSC, pose in front of one of the vehicles that took part in the parade. *DT*

▲ **(TORONTO, ONT.)** Thirty current and retired Canada Post employees collected 12,000 Santa letters from children during the Santa Claus parade held in mid-November. *Scott Lewis, Communications, Central*

▲ **(PICKERING, ONT.)** Employees collected 600 Santa letters during the parade held in early November. Participants included **Vicki Flowers**, **Jim Hunter**, **Barb Lee**, **Linda Leslie** and **Wayne Purchase**. *SL*

Writing to Santa

(OTTAWA, ONT.) It's all about getting the address just right so Santa gets them in time to answer them. A number of Ottawa letter carriers visited the Children's Hospital of Eastern Ontario (CHEO) to help children write and properly address their envelopes. Letter carriers **Gilles Heroux** and **Tracy Annand Robichaud** help three-year-old Jeremie Cadieux correctly address his letter to Santa during the CHEO visit. *HS*

◀ **(CALGARY, ALTA.)** At a televised parade attracting 60,000 spectators, 16 postal elves and their children handed out 9,000 bookmarks promoting the Santa Letter-writing Program, as they collected letters along the parade route. The elves were accompanied by a right-hand-drive vehicle decorated with oversized envelopes bearing Santa's address in English and French. Shown here are Shaziah Jinnah, Jade Weise, Cody Weise and Dara Kiez, with **Jim Hamilton**, Technical Services, driving the vehicle. *DT*

◀ **(BRANDON, MAN.)** On a glorious sunny day in November, these postal parade participants collected non-perishable food items as well as Santa letters along the route. From left, postal clerk **Theresa Jolliffe**, letter carrier **Simone Pilchar**, postal clerk **Leanne Stanick**, letter carriers **Laurie Challner**, **Garth Boyechko** and **Bernice Hiebert** as Postie Bear. *DT*

▲ **Placing first** (DRUMMONDVILLE, QUE.) A relay team made up of letter carriers **Sylvain Lauzière**, **Sylvain Provencher**, **Louis Dozois** and **Isabelle Gauthier** took first place at the Michel Gouin Ultra Marathon held this past September. Last year, they came in second, but this year with practice, experience and dedication, they relayed across a distance of 116.4 km of hard-packed ground and asphalt in 12 hours, beating out the competition. *Lina Cantin, Communications, Montreal*

▲ **Walking with heart** (PRINCE GEORGE, B.C.) Employees at Station A helped raise $12,500 for the Heart and Stroke Foundation. Postie Bear, a.k.a. Francois Cardin, son of retail clerk **Sylvie Gravel**, led the 11th annual Cheerios Walk for Heart and Stroke. The event, held in Fort George Park, attracted more than 250 participants. Shown here from left: Katina Gravel (daughter of retail clerk Sylvie Gravel), Natasha Tepanier (Katrina's friend), retail clerk Sylvie Gravel, supervisor **Lisa Slooyer** and her son Brandon, and Francois Cardin (Gravel's son) as Postie Bear. *Jim Bain, Communications, Pacific*

▲ **Cleavages raise funds** (CLINTON, B.C.) For the third year in a row, the Clinton Cleavages, led by Clinton postmaster **Lois Thompson**, won the Women's Challenge Award at the 2006 Kamloops Wax Off for the Cure. The team led by Thompson, consists of members of the Clinton community. "Although there were only eight members on the team, we raised $6,900," said Thompson. In addition to gathering pledges for the walk, the team held two fundraising events to raise their donation. In total, 1,601 participants raised $186,000. Shown above are Clinton postmaster Lois

Rasés pour une bonne cause

THUNDER BAY (ONT.) Lorsque son neveu de cinq ans a succombé au cancer du cerveau, la factrice **Maria Fiorot** a décidé de faire don de sa longue chevelure à Angels Hair Group, fabricant de perruques pour les personnes suivant des traitements de chimiothérapie. Ensuite, Maria a décidé de recueillir 10 000 $ pour la Société du cancer, en organisant plusieurs campagnes de financement, dont un souper spaghetti et une vente aux enchères, avant de se faire raser la tête lors d'une soirée dansante bénéfice. Maria a dépassé son objectif, en recueillant plus de 16 000 $. *DT*

▲ Maria Fiorot et Susan Doucet, factrice retraitée, aussi sa belle-sœur et fervente partisane, célèbrent après que Maria se soit fait raser la tête aux accords de « You Are So Beautiful ».

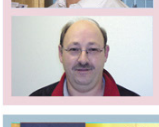
▲ **NELSON (C.-B.)** Ayant appris que l'une de leurs collègues souffrait d'un cancer du sein, les employés du bureau de poste de Nelson ont lancé une campagne de financement au profit de la Société du cancer. Lors de l'activité Shave for the Cure (Raser pour guérir) en octobre, des employés du bureau de Nelson et des membres de leur famille (14 personnes) se sont fait raser gratuitement la tête par Ralph Beatty, barbier local. Les employés ont sollicité la collectivité : « Nous visions 1 000 $, mais l'appui obtenu a été tel que nous avons recueilli plus de 9 000 $. Nous continuons à recevoir des dons et nous prévoyons atteindre les 10 000 $ d'ici la fin d'octobre », explique la factrice **Catherine McRae**, qui a elle seule a amassé 1 297 $. Ces fonds seront versés au programme d'urgence de la Société canadienne du cancer; les cheveux coupés ont été donnés à un fabricant de perruques pour les personnes suivant des traitements de chimiothérapie. *JB*

Héros à l'honneur

Au feu, les pompiers! HALIFAX (N.-É.) En septembre, alors qu'il distribue comme d'habitude le courrier dans le nord de la ville, le facteur **Mike Foley** sent de la fumée. Il compose immédiatement le 911, puis revient s'assurer qu'il n'y a personne dans la maison en flammes, qui heureusement, est vide. La présence d'esprit de Mike a permis aux pompiers d'éteindre le feu et d'épargner à la vieille résidence en bois, et aux maisons avoisinantes, beaucoup de dommages. *Denise Corra, Communication, Atlantique*

◀ **La main au collet** MALTON (ONT.) Durant son itinéraire habituel, en septembre, le facteur **Vijay Sharma** aperçoit un individu marchant à côté d'un vélo entre deux maisons. Intrigué, il lui demande si le vélo lui appartient. Même s'il répond par l'affirmative, Vijay n'est pas convaincu. Au même moment, un propriétaire du quartier arrive et l'inconnu décide de fuir. Vijay attrape le suspect par le bras et demande au résident de téléphoner aux policiers qui, une fois sur les lieux, l'arrêtent pour avoir effectivement tenté de voler le vélo. « En tant que membre de la collectivité, j'estime que je dois la protéger », explique Vijay. *SL*

◀ **Sauver le voisinage** MISSISSAUGA (ONT.) Ayant entendu le sifflement distinct d'une fuite de gaz et senti son odeur caractéristique, le facteur **Robert Sadowski** a eu la présence d'esprit de frapper à la porte du client au lieu d'appuyer sur la sonnette et de risquer une étincelle. Personne n'étant à la maison, il a frappé à d'autres portes jusqu'à ce qu'on lui ouvre et qu'il puisse appeler le service d'incendie. Les pompiers, sur les lieux en moins de 10 minutes, ont colmaté la fuite. Selon un représentant du service d'incendie, Robert a réussi à prévenir une catastrophe. En effet, si personne n'avait découvert la fuite, elle aurait pu causer une explosion, faisant sauter tout le pâté de maisons. *SL*



◀ **Écoute attentive et compassion** BEDFORD (N.-É.) Alors qu'il livrait du courrier dans le cadre de son itinéraire régulier à Bedford, **Joe Poirier** entend un faible appel à l'aide. La porte étant ouverte, il signale sa présence et entre pour offrir son aide. Il découvre une de ses clientes au pied de l'escalier, incapable de bouger. Il compose aussitôt le 911, et prévient des membres de la famille de la dame, puis attend avec elle les secours. *DC*

▲ **La sécurité, c'est notre affaire** ABBOTSFORD (C.-B.) **Mary Cornell**, gestionnaire du Marché de la vente au détail (2e à partir de la g.), en compagnie de membres du service de police d'Abbotsford, lors d'une journée de prévention du crime en novembre, co-animée avec le service de police. On voulait sensibiliser le public à la nécessité de faire preuve de vigilance et de prudence dans diverses situations, notamment le vol de courrier et d'identité. « L'événement a remporté un tel succès que nous prévoyons répéter l'expérience le troisième lundi de chaque mois », explique Mary, qui planifie aussi d'élargir la portée du programme pour inclure Mission, Chilliwack et Hope, en C.-B. *JB*

▲ **Un cachet spécial** NOEL (N.-É.) Le 1er novembre, **Andrea Cunningham**, superviseure de zone locale, **Blair Sullivan**, gestionnaire de zone locale et **Pam Starratt**, maître de poste de Noel, ont dévoilé le cachet d'oblitération spécial de la ville utilisé pour les timbres de Noël. Quelque 80 clients et collectionneurs de villages et villes situés le long du Minas Basin ont accepté l'invitation de Pam à venir jeter un coup d'œil au cachet d'oblitération spécial qui a été utilisé pour tous les plis. Premier jour officiels des timbres de Noël vendus au pays. On a invité les gens à remplir des bons de participation leur donnant une chance de gagner un agrandissement du timbre Vendus à 1 $ pièce, ces bons ont permis d'amasser 428 $ pour l'église locale. *DC*

▲ **Rapidité d'esprit** EDMONTON (ALB.) Lorsque **Mark Brookes**, Ventes commerciales générales, Maintien et croissance de la clientèle, à Edmonton, a entendu qu'un client était à la recherche d'une entreprise « clé en main » pour imprimer et traiter des objets de la Médiaposte, il lui a aussitôt recommandé la Promocarte. Le client était nul autre que Tirecraft, le sixième détaillant de pneus en importance en Amérique du Nord. « Tirecraft a aimé la Promocarte car nous pouvons imprimer, traiter et livrer les éléments de ses campagnes promotionnelles. Elle nous fournit la maquette, et nous faisons le reste », explique Mark, qui a ainsi fidélisé un client tout en lui faisant épargner temps et argent. De g. à dr., Mark Brookes, en compagnie de Laurie Sadoway, gestionnaire du marketing chez Tirecraft et de Jim Sadler, directeur des ventes à Postes Canada. *DT*

▲ **Le souffle du vent** ST-LÉON (MAN.) Dans une toute petite ville à 150 km au sud-ouest de Winnipeg, on a procédé en octobre au dévoilement d'un cachet philatélique mettant en vedette trois éoliennes commémorant le premier parc éolien manitobain, situé à St-Léon, un village de 150 habitants. Une délégation, composée de participants à la conférence de l'Association canadienne de l'énergie éolienne qui se déroulait à Winnipeg, s'est rendue au village. De g. à dr., Dave Kerr, pdg, Algonquin Power, Rick Halas, gestionnaire de projet, Énergie, Science et Technologie, Manitoba, **Bernie Stahn**, gestionnaire de zone locale, Sud du Manitoba, Bob Sperslieg, président, Sequoia Energy, **Linda Grenier**, maître de poste de St-Léon, Dave Jacobson, Manitoba Hydro et Robert Hornung, président, Association canadienne de l'énergie éolienne. *SL*

◀ **Œil de lynx** AIRDRIE (ALB.) Le maître de poste **Michael Thompson** a joué un rôle important dans l'enquête de la GRC qui a mené à l'arrestation d'un homme d'affaires qui utilisait illégalement une machine à affranchir en faisant le suivi des articles de la Poste-lettres arborant les impressions de machine à affranchir frauduleuses qui lui passaient entre les mains. Des accusations ont été portées contre l'homme d'affaires, et on a récupéré une machine à affranchir disparue depuis 1994. En photo : **Doug Galenzoski**, inspecteur postal de Calgary, remet au maître de poste Michael Thomson un prix *Bravo!* pour son aide. *DT*

Campagne fructueuse

GANDER (T.-N.-L.) ET HALIFAX (N.-É.) Lors de la 13e édition annuelle de la campagne de collecte d'aliments tenue à Gander en octobre, les employés ont recueilli l'équivalent de 150 conteneurs à grands objets plats de dons. À Halifax, un événement similaire qui en est à sa 5e édition annuelle a permis de récolter 27,5 tonnes de nourriture en début novembre. *DC*

▲ Les bénévoles de Gander (de g. à dr.) : **Rod Lane**, facteur temporaire, Mike Granville, aide, **Eric Sheppard**, préposé au comptoir, **Pat Slaney**, facteur, Joey Samson, aide, **Rob Anstey**, facteur, **Andy Stoyles**, facteur et **Derek Burt**, facteur.

▲ Les bénévoles de la campagne de collecte d'aliments : **Vanessa Quinn**, superviseure, **Derek Botma**, gestionnaire du Marché de la vente au détail à Dartmouth, **Handan Kesebi**, gestionnaire de zone locale à New Glasgow, **Steve Mercer**, Génie industriel et **Jim Dunsworth**, gestionnaire de l'ETC de Halifax.

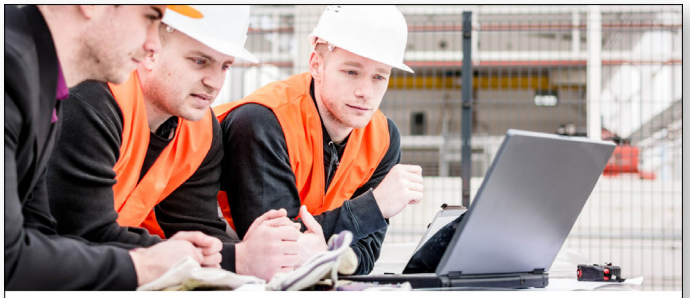
◀ **Ce dont nous sommes capables** TORONTO (ONT.) Réussissant à déjouer la concurrence, **Anthony Medieros** a permis à Postes Canada de signer un contrat avec la chaîne de détaillants Timothy's Coffee, également propriétaire de MMMuffins et de Michel's Baguette. L'entreprise voulait améliorer les taux de réponse obtenus antérieurement au moyen d'encarts publicitaires faisant partie de dépliants ou de journaux. Anthony a persuadé les représentants de l'entreprise de mettre à l'essai la Médiaposte pour un envoi de 600 000 articles en juillet et ils ont conclu une entente avec Postes Canada. « Notre principal succès, nous le devons aux campagnes de marketing direct, surtout celle de Postes Canada », constate Anit Arrora, directeur du marketing chez Timothy's. *SL*

▲ **Promouvoir notre marque** THETFORD MINES (QC) Désireux d'apporter une contribution au Festival interculturel de la collectivité l'été dernier, le facteur **Daniel Plouffe** a reproduit l'emblème de la Société dans le cadre d'un concours de création et d'exposition de tapis de fleurs sauvages. À 5 h du matin, il a cueilli plus de 500 fleurs dont il a coupé les tiges pour créer la partie centrale de notre logo, reproduisant le cachet de la poste au moyen de fleurs sauvages. En photo : Daniel Plouffe, apportant la touche finale à sa création florale. *LC*

postscriptum

Promouvoir les timbres BRIDGEWATER (N.-É.) Les maîtres de poste **Charmaine Romkey** et **Sandy Brown** ont aidé à augmenter les revenus postaux lorsqu'elles se sont occupées du kiosque de Postes Canada pendant la foire annuelle du club de philatélie tenue en octobre, au Wandlyn Inn de Bridgewater. *DC*

Sécurité d'abord SURREY (C.-B.) Désireux de sensibiliser davantage le public à l'intégrité avec laquelle Postes Canada traite le courrier, l'inspecteur des Postes **John Hawkes** et le facteur **Otto Engers**, de Port Coquitlam, ont tenu un stand lors d'une exposition sur la prévention du crime dans les habitations à logements multiples. « L'expo regroupait 18 stands d'exposants, des ateliers d'une journée et plusieurs conférenciers invités », explique John. « L'objectif visé était d'accroître la protection et la sécurité des résidants, des propriétaires et des gérants d'unités d'habitation à logements multiples. » *JB*



Improve real-time situational awareness and personal safety

IQ Messenger notification solution is the perfect solution for small and medium-sized enterprises in healthcare, education, high-risk industries and the hospitality sector, as it provides a flexible, easy-to-install alarm and notification system with a native integration to the Alcatel-Lucent OmniPCX® Enterprise and Alcatel-Lucent OXO Connect.

It collects and aggregates alarms from different subsystems, such as nurse calls, fire alerts, or wander prevention systems. It notifies, in real time, the most appropriate person to respond to the situation, using industry-specific communication systems, and taking into account staff mobility; for example, with the DECT handset, GSM, smartphone, and supervision console with geolocation screen.

IQ Messenger notification solution offers a complete range of applications and integrations with the heterogeneous ecosystems of key market players, all intelligently integrated within a unique web interface. The various integrations allow innovative services, such as mobile device notifications, and specific applications integration.

Benefits

- Openness and scalability: integration with key market players for specific needs
- Investment protection through the integration of existing systems
- Extremely simple to install and configure
- Full compatibility with industry standards, protocols and interfaces, such as ESPA/TAP*, dry contacts (electric relays), KNX, ModBus, BacNet, SNMP and SMPP
- Unique features provided by the native and optimized integration with the Alcatel-Lucent OmniPCX Enterprise, OXO Connect, and wired and wireless sets
- IQ Messenger is the only notification server Medical Device Regulation (MDR) that is certified class 2b. This certification is mandatory for software that interact with medical devices.

*Most nurse call and fire alarm systems are ESPA/TAP compliant

Optimiser l'efficacite du traitement d'alarme et la sécurité personnelle

La solution de notification IQ Messenger est idéale pour les petites et moyennes entreprises des domaines de la santé, de l'éducation, de l'industrie à haut risque et de l'hôtellerie. Elle fournit un système d'alarme et de notification flexible, facile à installer et qui s'intègre nativement à l'Alcatel-Lucent OmniPCX® Enterprise et OXO Connect.

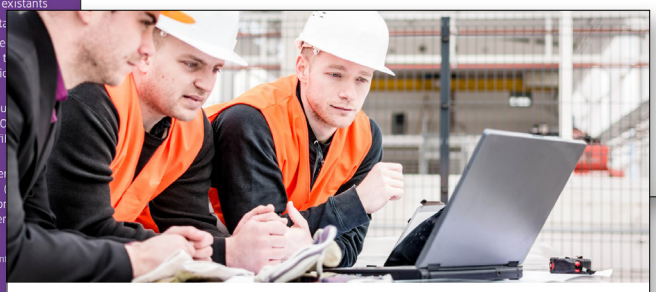
La solution IQ Messenger collecte et fédère les alarmes provenant de sous-systèmes hétérogènes comme par exemple des systèmes d'appels infirmière ou d'alertes incendie. Elle notifie en temps réel le personnel le plus apte à réagir à la situation en utilisant tous les systèmes de communication métier adaptés, en tenant compte de la mobilité du personnel : combinés DECT, GSM, Smartphone, console de supervision avec écran de géo localisation, etc.

IQ Messenger offre une gamme complète d'applications et d'intégrations avec les principaux acteurs du marché qui permet de proposer des usages innovants comme la notification sur appareils mobiles et l'intégration dans des applications spécifiques. Son interface web unique fédère intelligemment un écosystème client complexe et hétérogène.

Avantages

- Ouverture et évolutivité : intégration avec
  principaux acteurs du marché pour s'adap
  besoins spécifiques
- Protection des investissements grâce à
  l'intégration des systèmes existants
- Extrêmement simple à insta
- Compatibilité totale avec le
  et interfaces de l'industrie t
  contacts secs (relais électric
  BacNet, SNMP and SMPP
- Fonctionnalités uniques fou
  native et optimisée avec l'O
  l'OXO Connect, les postes fil
  d'Alcatel-Lucent.
- IQ Messenger est le seul se
  Medical Device Regulation
  classe 2b. Cette certificatio
  les logiciels qui interagisse
  médicaux.

*La plupart des systèmes d'appel d'in
sont compatibles ESPA/TAP



Bessere situationsbezogene echtzeitinformationen und mehr persönliche sicherheit

Der IQ Messenger ist die perfekte Lösung für kleine und mittelständische Unternehmen im Gesundheits- und Bildungswesen sowie im Hochrisikobereich und der Hotelbranche. Er bietet ein flexibles, einfach zu installierendes Alarm- und Benachrichtigungssystem mit einfacher Integration in Alcatel-Lucent OmniPCX® Enterprise und die Alcatel-Lucent OXO Connect

Der IQ Messenger sammelt und bündelt Alarme verschiedener Subsysteme (beispielsweise Pflegerufsysteme oder Feueralarme. Er benachrichtigt in Echtzeit die relevanteste Person durch branchenspezifische Kommunikationssysteme und berücksichtigt die Mitarbeitermobilität: z. B. mit dem DECT-Telefon, GSM, Smartphone und der Management-Konsole mit Geolokalisierungsbildschirm.

Der IQ Messenger bietet ein ganzes Sortiment an Anwendungen und Integrationen mit den heterogenen Systemen der wichtigsten Anbieter, die alle intelligent über eine Web-Schnittstelle integriert werden. Die verschiedenen Integrationen ermöglichen innovative Dienste, wie z.B. Benachrichtigungen für mobile Geräte, und die Integration spezifischer Anwendungen.

Vorteile

- Offen und skalierbar: Integration in die Produkte der wichtigsten Anbieter von Speziallösungen
- Investitionsschutz durch die Integration vorhandener Systeme
- Sehr einfache Installation und Konfiguration
- Vollständige Kompatibilität mit Branchenstandards, -protokollen und -schnittstellen wie ESPA/ TAP*, potenzialfreien Kontakten (elektrische Relais), KNX, ModBus, BacNet, SNMP und SMPP
- Einzigartige Möglichkeiten durch die native und optimierte Integration in Alcatel-Lucent OmniPCX Enterprise, in die OXO Connect und in kabelgebundene/mobile Endgeräte.
- Der IQ Messenger ist der einzige Benachrichtigungsserver, der nach der Europäischen Verordnung über Medizinprodukte (MDR) der Klasse 2b zertifiziert ist. Diese Zertifizierung ist obligatorisch für Software, die mit medizinischen Geräten interagiert.

*Die meisten Pflegerufanlagen und Feueralarmsysteme sind ESPA/TAP- konform.

GARAGE
SALE
SATURDAY
JUNE 12
Discounted prices for clothes,
furniture, electronics and more!
3PM - 6PM
LOREM IPSUM
YOUR
TITLE
HERE
LOREM IPSUM
LOREM IPSUM
dolor sit amet, consectetur adipiscing elit. In interdum augue ornare magna interdum, quis porta leo
LOREM IPSUM
dolor sit amet, consectetur adipiscing elit. In interdum augue ornare magna interdum, quis porta leo
LOREM IPSUM
dolor sit amet, consectetur adipiscing elit. In interdum augue ornare magna interdum, quis porta leo
LOREM IPSUM DOLOR SIT AMET
LEADER IN
E-BUSINESS...
Why use us?
Lorem ipsum 1
Lorem ipsum 2
Lorem ipsum 3
HEADLINE
LOREM IPSUM
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ullamcorper fringilla vehicula. In placerat non diam quis egestas. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ullamcorper fringilla
LOGO
CONTACT
CONTACT

Improving the customer experience in the digital communications era

Tackling the challenges

Organisations must adapt their customer experience strategies to meet today's digital era. They need to consider new communications methods and social media, while maintaining human interaction. Bridging the gap requires drawing from past experiences, understanding the needs of today's fast-paced customers, and leveraging new technologies such as Artificial Intelligence (AI). Overcoming the challenges of customer retention and acquisition, to improve the customer experience in the digital age is crucial.

1 Optimise resources and budget while delivering world-class customer service

Organisations must balance their valuable employee resources and need for self-service tools, while finding a solution that does not compromise customer satisfaction levels. Achieving this balance can result in cost savings, increased employee engagement and improved efficiency.

2 Make quick response and first-call resolution a priority

The customer experience hinges on two critical factors: Response time and accuracy. This involves connecting customers with the right expert and empowering front-line employees with the necessary tools to quickly solve problems. Ultimately, satisfied customers become repeat customers who promote and recommend your brand.

Alcatel·Lucent Enterprise

3 Onboard the entire workforce as part of a global customer service strategy

For large organisations, expanding the customer relationship role to the entire team can be challenging. Despite the benefits of having a broad range of expertise, it is essential to ensure that front-line employees can easily access the necessary support. By equipping experts with the right collaboration tools, the benefits of this approach are twofold: Delivering quality responses to customers; and fostering a more collaborative team environment for employees.

4 Manage multi-generational engagement preferences

Managing multiple interaction channels, including digital platforms favoured by younger generations, presents a challenge for delivering consistent high-level service. However, failing to offer these channels can limit an organisation's customer base. Embracing these engagement channels presents a significant opportunity to reach new prospects, optimise the customer journey, cross-reference information, and potentially boost business.

Alcatel-Lucent Enterprise Digital Age Communications solutions help organisations offer a next level customer experience with improved resource optimisation, and efficient employee engagement to deliver a superior customer experience. Organisations that choose to transform will be well positioned to turn their customer service centres into customer satisfaction centres.

To learn how Alcatel-Lucent Enterprise is helping organisations improve their Customer Experience, download the eBook or visit our website.

www.al-enterprise.com The Alcatel-Lucent name and logo are trademarks of Nokia used under license by ALE. To view other trademarks used by affiliated companies of ALE Holding, visit: www.al-enterprise.com/en/legal/trademarks-copyright. All other trademarks are the property of their respective owners. The information presented is subject to change without notice. Neither ALE Holding nor any of its affiliates assumes any responsibility for inaccuracies contained herein. © Copyright 2023 ALE International, ALE USA Inc. All rights reserved in all countries. DID23050901EN (June 2023)

Alcatel·Lucent Enterprise

Appendix A: FAO estimates for 2015 to 2017, and projections for 2030 and 2050 of potential Annual Emission across Sub-Saharan African countries.

In this study, emphasis is put on seven countries selected independently, which are shown here in light green.

COUNTRY	EMISSIONS ($ktCO_2e$) (SYNTHETIC FERTILIZERS)				EI (FAO EMISSION PROJECTION, $ktCO_2e$) (SYNTHETIC FERTILIZERS)	
	2015	2016	2017	AVERAGE	2030	2050
Angola	164.6	134.1	172.4	157.0	130.1	273.8
Benin	1.2	91.6	0.3	31.0	5.0	8.6
Botswana	136.6	136.6	136.6	136.6	0.0	0.0
Burkina Faso	329.8	436.6	376.3	380.9	461.9	766.1
Burundi	29.8	52.2	65.5	49.2	21.9	51.1
Cote D'Ivoire	274.7	301.0	213.2	263.0	190.2	393.2
Cameroon	274.5	256.6	299.9	277.0	347.4	581.1
Central African Republic	1.4	1.4	0.6	1.1	4.5	7.7
Congo		2.1	2.1	2.1	0.6	1.5
Democratic Republic of Congo	116.7	73.0	103.6	97.8	31.9	74.5
Eritrea	10.3	12.4	11.5	11.4	9.0	13.6
Ethiopia	900.7	999.5	1013.3	971.2	1681.5	3019.9
Gabon	25.0	23.7	50.0	32.9	50.0	9.8
Gambia	0.9	0.8	0.2	0.7	20.9	47.1
Ghana	275.5	407.4	407.4	363.5	274.7	412.1
Guinea	15.6	41.2	151.0	69.3	61.3	115.0
Kenya	857.3	642.6	540.8	680.2	1039.4	1783.7
Madagascar	0.0	0.0	202.6	67.5	122.3	237.8
Malawi	459.6	459.6	459.6	459.6	1307.3	2678.9
Mali	981.2	1080.4	966.2	1009.3	1184.4	1923.0
Mauritius	42.4	58.4	54.1	51.6	54.1	54.1
Mozambique	77.9	123.9	145.9	115.9	270.1	527.6
Namibia	66.9	126.8	121.6	105.1	18.2	36.4
Niger	43.4	41.6	41.6	42.2	95.5	296.5
Nigeria	1265.8	1863.8	2870.4	2000.0	2387.6	3927.0
Rwanda	71.6	28.0	28.0	42.5	47.1	94.2
Senegal	182.7	182.7	182.7	182.7	157.5	341.3
Seychelles	0.4	0.3	0.3	0.3	0.3	0.6
South Africa	2599.9	2599.9	2599.9	2599.9	3919.4	4629.7
Togo	3.7	79.7	27.6	37.0	83.6	143.3
Uganda	13.5	55.1	49.1	39.2	64.7	147.0
Tanzania	494.2	694.3	684.3	624.3	726.4	1639.8
Zambia	1068.4	1214.2	1359.9	1214.2	946.1	1957.0
Zimbabwe	275.0	375.0	375.0	341.7	676.8	1151.9
Total SSA	**11063.1**	**12596.2**	**13713.5**	**12457.6**	**16391.9**	**27344.8**

Appendix B: Potential Annual Emission Reductions from Adoption of 4R Nutrient Stewardship in Seven Pilot Sub-Saharan African countries.

Ethiopia - Potential Annual Emission Reductions ($ktCO_2e$)

EMISSION REDUCTION (%)	2030			2050		
	SCENARIO #1 (10% ADOPTION)	SCENARIO #2 (20% ADOPTION)	SCENARIO #3 (30% ADOPTION)	SCENARIO #4 (30% ADOPTION)	SCENARIO #5 (40% ADOPTION)	SCENARIO #6 (50% ADOPTION)
5%	8	17	25	45	60	75
10%	17	34	50	91	121	151
15%	25	50	76	136	181	226
20%	34	67	101	181	242	302
25%	42	84	126	226	302	377

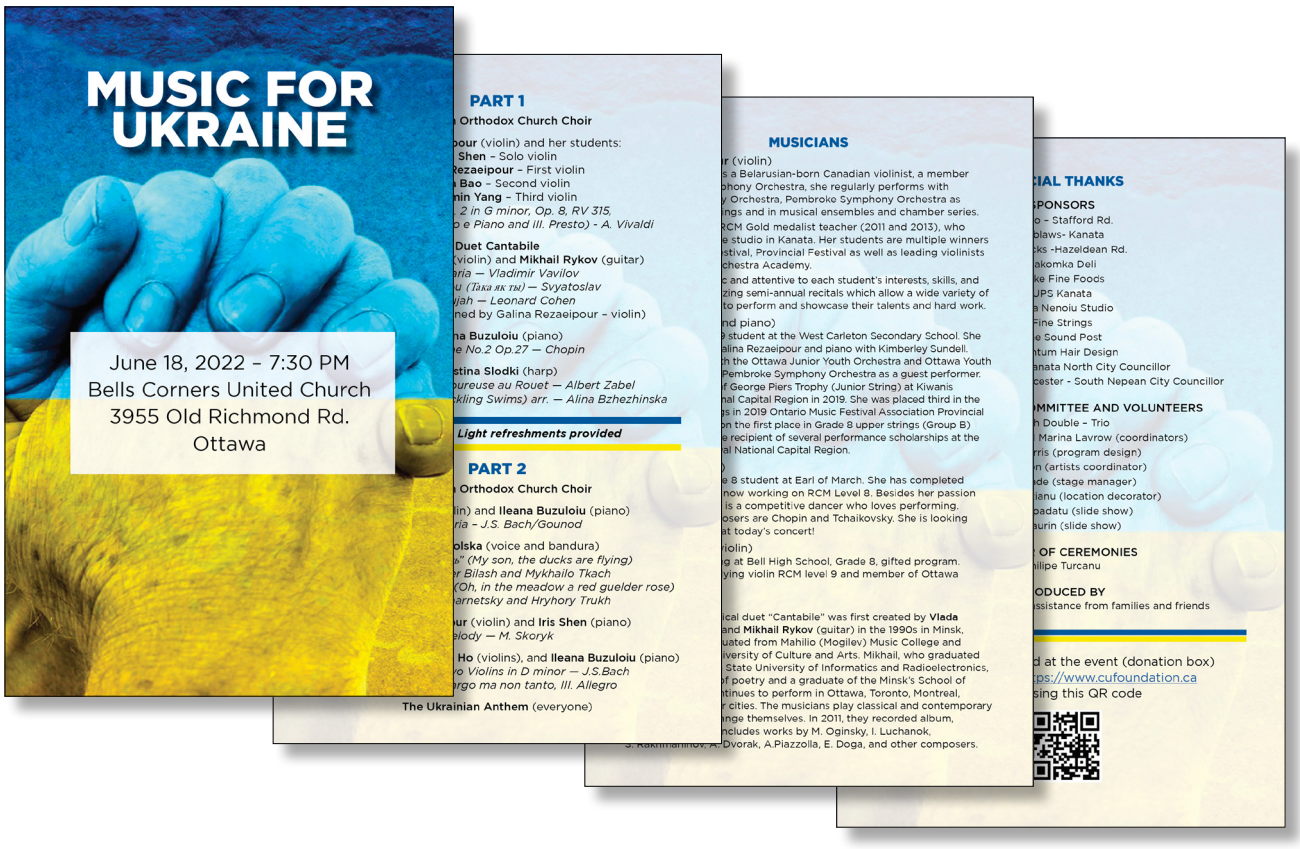
South Africa - Potential Annual Emission Reductions ($ktCO_2e$)

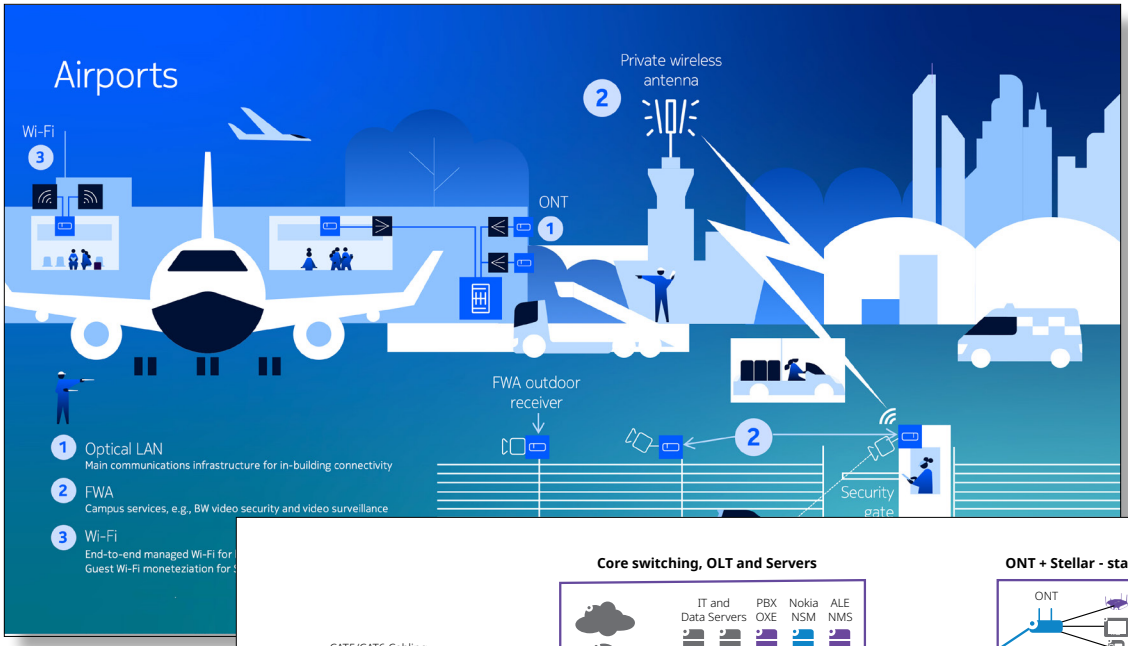
EMISSION REDUCTION (%)	2030			2050		
	SCENARIO #1 (10% ADOPTION)	SCENARIO #2 (20% ADOPTION)	SCENARIO #3 (30% ADOPTION)	SCENARIO #4 (30% ADOPTION)	SCENARIO #5 (40% ADOPTION)	SCENARIO #6 (50% ADOPTION)
5%	20	39	59	69	93	116
10%	39	78	118	139	185	231
15%	59	118	176	208	278	347
20%	78	157	235	278	370	463
25%	98	196	294	347	463	579

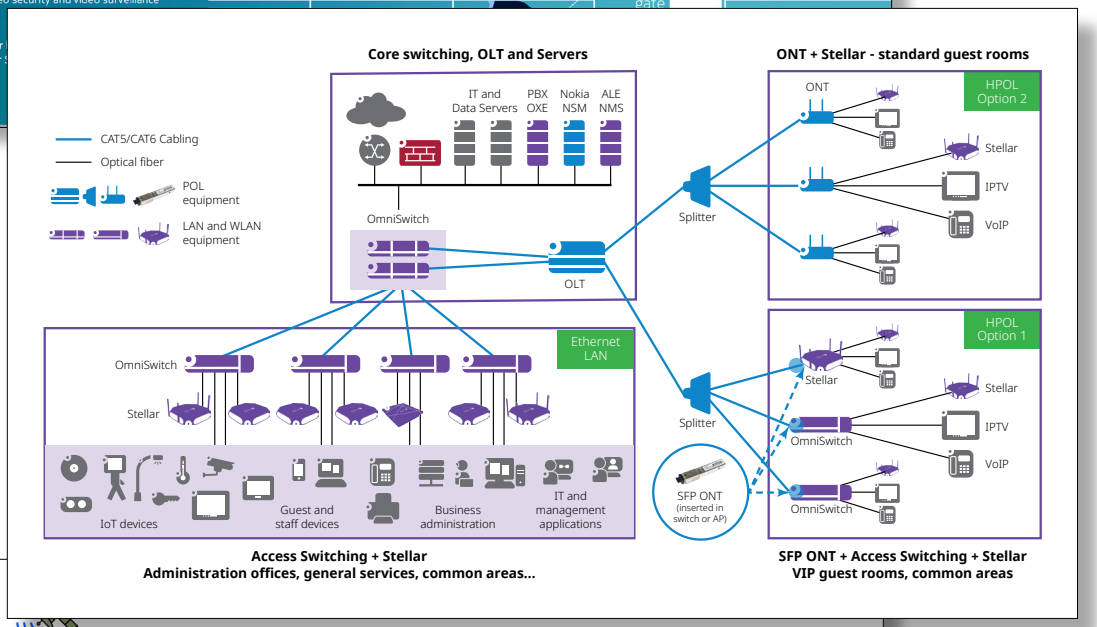
Kenya - Potential Annual Emission Reductions ($ktCO_2e$)

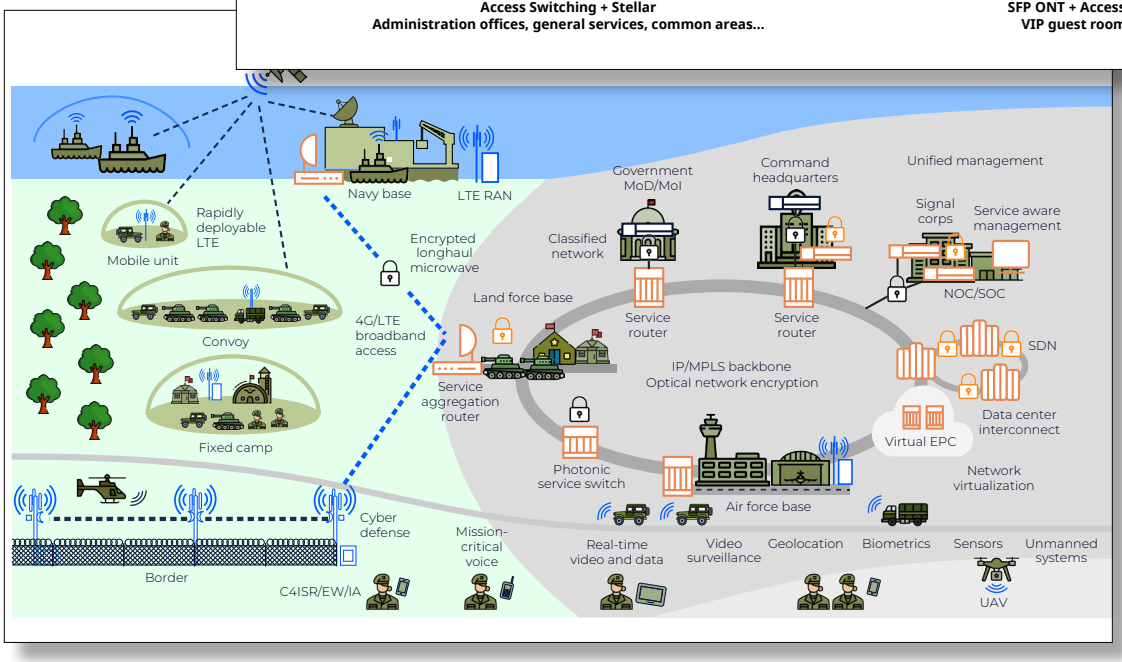
EMISSION REDUCTION (%)	2030			2050		
	SCENARIO #1 (10% ADOPTION)	SCENARIO #2 (20% ADOPTION)	SCENARIO #3 (30% ADOPTION)	SCENARIO #4 (30% ADOPTION)	SCENARIO #5 (40% ADOPTION)	SCENARIO #6 (50% ADOPTION)
5%	5	10	16	27	36	45
10%	10	21	31	54	71	89
15%	16	31	47	80	107	134
20%	21	42	62	107	143	178
25%	26	52	78	134	178	223

MUSIC FOR UKRAINE
To benefit humanitarian help for Ukraine
Saturday, June 18 at 7:30 p.m.
Bells Corners United Church
3955 Old Richmond Rd.
Classical music for violin and piano
Special guests to perform traditional Ukrainian music
Donations accepted at the event or by visiting
https://www.cufoundation.ca or by using the QR code
Funds donated to the Canada-Ukraine Foundation
CANADA-UKRAINE FOUNDATION
FONDATION CANADA-UKRAINE
КАНАДСЬКО-УКРАЇНСЬКА ФУНДАЦІЯ
Special thanks to:
the sound post
DUKE
Loblaws Kanata
metro Stafford
ups
Lakomka Internacional Deli
ARgENTUM HAIR
Maria Nenoiu Violin Studio

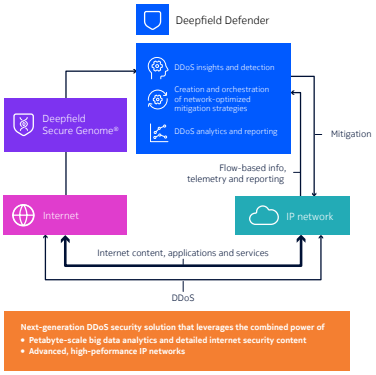

MUSIC FOR UKRAINE
June 18, 2022 – 7:30 PM
Bells Corners United Church
3955 Old Richmond Rd.
Ottawa
PART 1
PART 2
MUSICIANS
Light refreshments provided

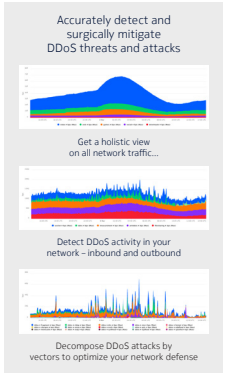

Airports
Wi-Fi
3
Private wireless antenna
2
ONT
1
FWA outdoor receiver
2
Security gate
1 Optical LAN
Main communications infrastructure for in-building connectivity
2 FWA
Campus services, e.g., BW video security and video surveillance
3 Wi-Fi
End-to-end managed Wi-Fi for
Guest Wi-Fi monetization for


Core switching, OLT and Servers
ONT + Stellar - standard guest rooms
CAT5/CAT6 Cabling
Optical fiber
POL equipment
LAN and WLAN equipment
IT and Data Servers
PBX OXE
Nokia NSM
ALE NMS
OmniSwitch
OLT
Splitter
ONT
HPOL Option 2
Stellar
IPTV
VoIP
Ethernet LAN
OmniSwitch
Stellar
IoT devices
Guest and staff devices
Business administration
IT and management applications
Splitter
SFP ONT (inserted in switch or AP)
HPOL Option 1
Stellar
Stellar
OmniSwitch
IPTV
VoIP
OmniSwitch
Access Switching + Stellar
Administration offices, general services, common areas...
SFP ONT + Access Switching + Stellar
VIP guest rooms, common areas


Navy base
LTE RAN
Rapidly deployable LTE
Mobile unit
Convoy
Fixed camp
Encrypted longhaul microwave
4G/LTE broadband access
Land force base
Service aggregation router
Government MoD/MoI
Classified network
Service router
Command headquarters
Service router
Unified management
Signal corps
Service aware management
NOC/SOC
SDN
IP/MPLS backbone
Optical network encryption
Data center interconnect
Virtual EPC
Network virtualization
Photonic service switch
Air force base
Cyber defense
Mission-critical voice
Border
C4ISR/EW/IA
Real-time video and data
Video surveillance
Geolocation
Biometrics
Sensors
Unmanned systems
UAV

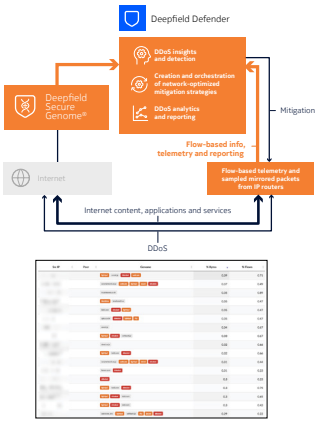
Nokia Deepfield DDoS security solution





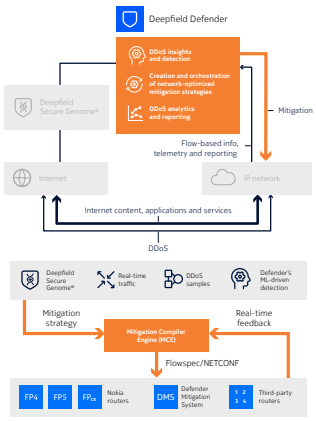
Automated mitigation in <30 seconds

Fast and accurate detection



Deepfield Secure Genome®
Knowledge and up-to-date visibility into billions of IPv4 and IPv6 addresses on the internet
- DDoS vectors and details
- Known/open reflectors
- Botnets
- Booter and spoofed fingerprints
- Server software
- IoT device type details

AI/ML for network-optimized mitigation strategy



Mitigation Compiler Engine
- Advanced AI/ML-based system for automatic generation of optimized mitigation strategies for complex DDoS attacks
- Trained on thousands of real-world DDoS attack samples
- Effective against well-known and emerging DDoS vectors

Network-based mitigation

Secure-by-design: DDoS protection built into every router
- Market-disruptive scale and speed of detection and mitigation for complex DDoS attacks (e.g., botnets)
- Terabit-speed DDoS defense
- IP silicon advantage over more expensive FPGAs

7750 Defender Mitigation System (7750 DMS-1-24D)

New, purpose-built DDoS mitigation appliance
- Industry-leading scalability and cost efficiency
- FP5-based, 2.8 Tb/s 2RU system
- Optimized OS for DDoS mitigation
- Blocks all well-known and emerging DDoS
- Field-expandable for next-generation and future attacks

Select third-party routers

Embrace a paradigm shift in DDoS protection with Nokia Deepfield Defender

Enable 360-degree protection for the whole network, all services and users	Detect and mitigate all modern (e.g., botnet DDoS) and future threats and attacks in less than 30 seconds	Automate your defense and extend your protection to many more customers	Offer managed security services to your customers

Learn more:
https://www.nokia.com/networks/ip-networks/deepfield/defender/

© 2024 Nokia CID210562

Instant Ace Plus

The Instant Pot Ace Plus 10-in-1 blender is perfect for smoothies, soups and more.

Make baby food, creamy nut butters, frozen treats, margaritas, dips, nut milks, and so much more – the possibilities are endless.

Tasty smoothies

This powerhouse 10-speed customizable blending paired with 26,500RPM of power makes smoothies nutritious and tasty.

Hot delicious soups

Instant Blenders give you thorough and even cooking with a hot heating element, unlike blade friction blenders.

Margaritas

Make tasty margaritas and other frozen cocktails with the Crushed Ice program.

Dips

Make queso, salsa, guacamole dips and more for snacks or side dishes.

Make creamy nut butters

With this powerhouse 26,500RPM motor the Ace Plus crushes ingredients to get a creamy consistency.

Healthy baby food

Make yummy baby food fast with easy one touch programs.

ONLINE SAFETY

A **NWAC** Fact Sheet For

Parents and Caregivers of Indigenous Youth

THE INTERNET can be a **valuable resource for young people**, but it also comes with **risks**. **Online predators** infiltrate social media platforms that children use like **TikTok and Facebook** for manipulative and dangerous purposes. There is also a lot of readily available **misinformation** that can prevent your child from developing well-informed understandings around their health.

It's important to monitor your child's internet use, but we also know that parents today are busier than ever and it is not always possible to keep a close eye 24/7. Depending on the child's age, it's **also important to respect their privacy and build healthy and trusting relationships** where they can share with you if they are confused or concerned about something happening to them online.

Indigenous kids, especially those living in rural or remote areas, **may be more vulnerable to online manipulation** due to their desire to connect and find community where they can. No matter what their age, **it's always important to keep the conversation about online safety open and to be non-judgmental!**

BASIC ONLINE SAFETY GUIDELINES TO DISCUSS WITH YOUR CHILD:

- Turn your location settings off.
- Never share personal information (e.g., address, phone number, school name).
- Never share passwords with anyone except with parents/guardians.
- Never agree to meet someone you've met online without your parents' knowledge and approval.
- Never respond to a threatening email, post, or message.
- Always tell a parent or trusted adult about any communication that has upset you.

BASIC PARENTAL SUPERVISION GUIDELINES:

- Spend time online together to teach your child appropriate online behaviour.
- Stay up to date on the newest apps and trends in kids' lives.
- Monitor time spent on tablets or smartphones (e.g., only allowing computer use in a common room).
- Be aware of any unfamiliar account charges on your credit card or phone bills.
- Take your children seriously if they mention an uncomfortable online exchange.

WARNING SIGNS THAT YOUR CHILD IS BEING TARGETED:

- Withdraws or seems distant while spending long hours online, particularly at night or when there is no supervision.
- Receives phone calls from individuals you don't know.
- Has new clothes or gifts that you don't recognize.
- Shuts off the computer or phone when you walk in.

WARNING SIGNS THAT YOUR CHILD IS BEING TARGETED:

1) Be aware that online child sexual exploitation is a problem.
2) Talk to your kids openly and regularly. Help them feel comfortable turning to you if they experience issues online.
3) Look for warning signs.
4) Get help if needed by visiting cybertip.ca.

Check out **www.stbbi.nwac.ca** for additional fact sheets and more!

Native Women's Association of Canada

L'Association des femmes autochtones du Canada

Funding for this document is provided by Indigenous Services Canada. The opinions expressed in this document are those of the authors and do not necessarily reflect the official views of Indigenous Services Canada.

You're invited to a

Birthdayversary Dinner

YES, YOU READ IT RIGHT!

Not **only** is Rick turning **50**,
we're **also** celebrating our **1ST** anniversary.

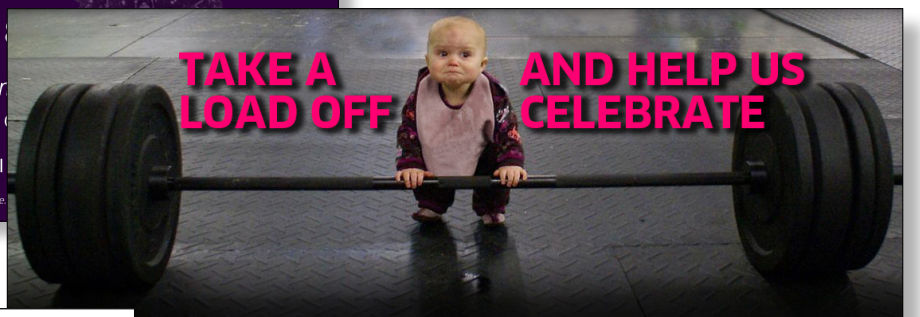
Saturday, December 1

Brush off your semi-formal wear, cor
and enjoy a succulent meal,

RSVP by November 27 by return email

No gifts, please

TAKE A LOAD OFF



AND HELP US CELEBRATE

e cordially invited to share in our excitement and anticipation
f the baby girl that is soon to become a part of our lives.
Please come to our baby shower for Janice Landry.

Saturday, April 9 from 1:00 to 4:00
1381 Heron Road
Ottawa, ON K1V 6A6

P to Karen Landry at klandry99@hotmail.com or call at 613-945-2371
Tammy Smith at trsmith@hotmail.com by **Saturday, March 30, 2024**

Janice is registered at Babies "R" Us and Sears under **Janice Landry**.
Walmart gift cards are also welcome.

Viola, Anyone?

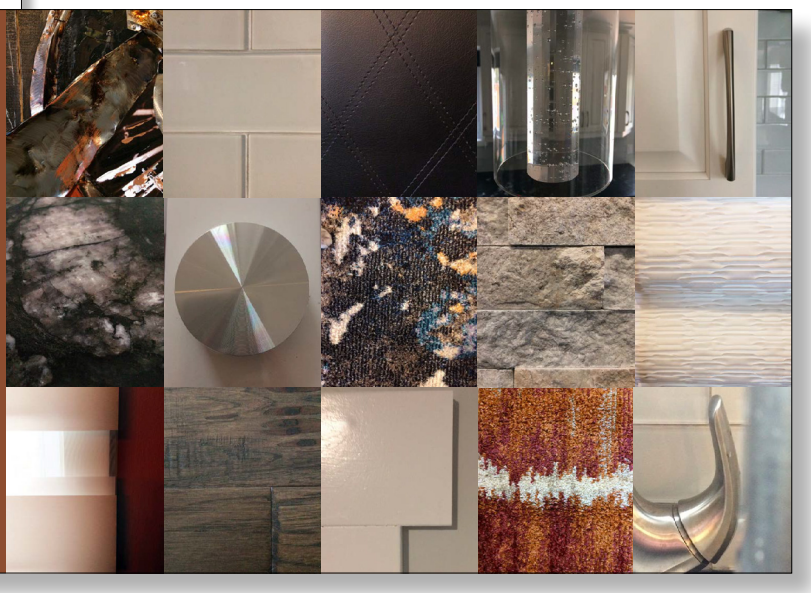
Renos are finally done!!

Come see the big picture
and help us celebrate!

Saturday, June 17
4:00 ('til the last guest leaves)
Rain or shine
BBQ at 5:30

RSVP by June 3rd:
Facebook
jackiemorrisdesign@gmail.com
613-754-0980

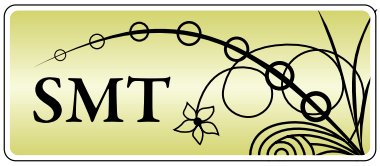
BYOB



Donnie Deacon
www.donniedeacon.com
donniefiddle@yahoo.ca

ORCHESTRE DE CHAMBRE D'OTTAWA CHAMBER ORCHESTRA

Mobile Maestro
BRINGING MUSIC TO YOUR DOOR

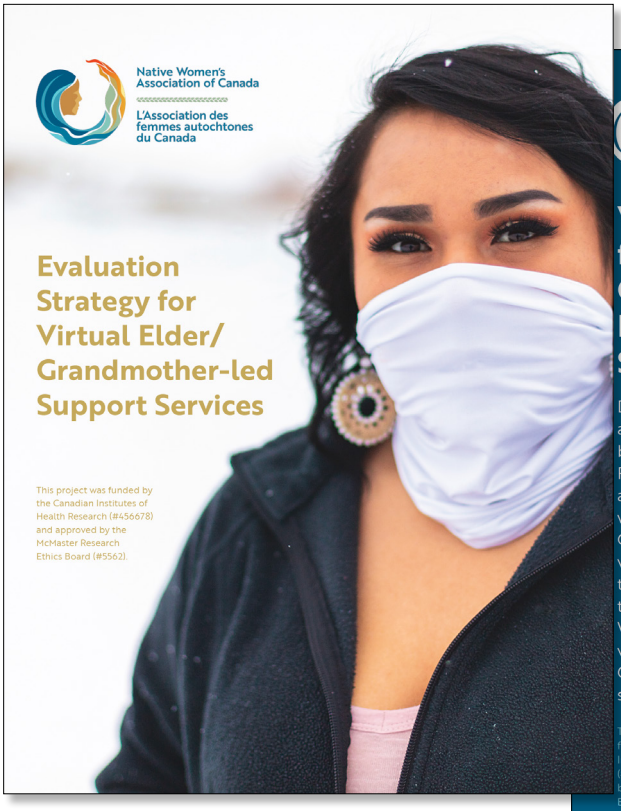

SMT

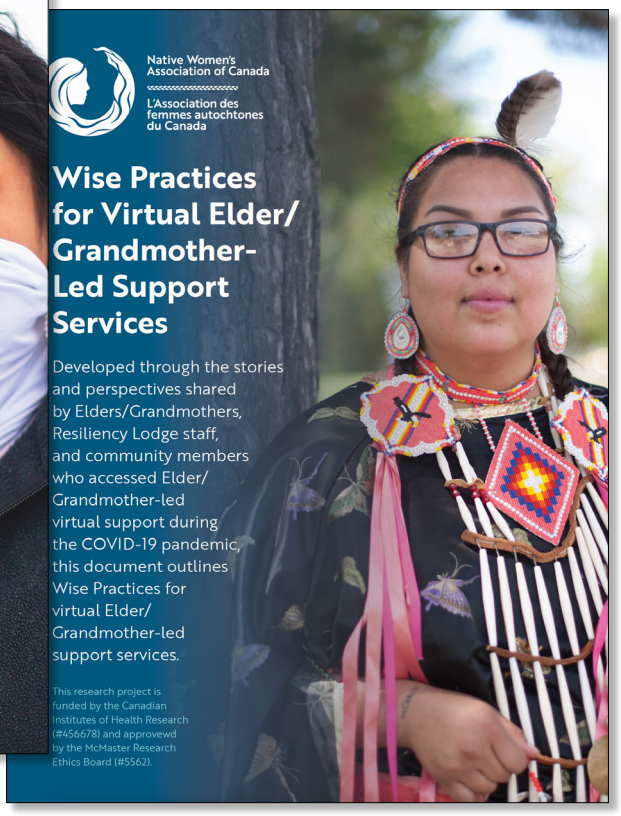
Thoroughly Modern Vintage

Strings
of St. John's

CAMAC
OTTAWA VALLEY
ALLÉE DE L'OUTAOUAIS

JACKRUDYSOUND
JACKRUDY95@GMAIL.COM
1 (519) 274-0305


Native Women's Association of Canada
L'Association des femmes autochtones du Canada
Evaluation Strategy for Virtual Elder/ Grandmother-led Support Services
This project was funded by the Canadian Institutes of Health Research (#456678) and approved by the McMaster Research Ethics Board (#5562).


Native Women's Association of Canada
L'Association des femmes autochtones du Canada
Wise Practices for Virtual Elder/ Grandmother-Led Support Services
Developed through the stories and perspectives shared by Elders/Grandmothers, Resiliency Lodge staff, and community members who accessed Elder/ Grandmother-led virtual support during the COVID-19 pandemic, this document outlines Wise Practices for virtual Elder/ Grandmother-led support services.
This research project is funded by the Canadian Institutes of Health Research (#456678) and approvewd by the McMaster Research Ethics Board (#5562).

Native Women's Association of Canada
L'Association des femmes autochtones du Canada
Restoring the Circle Toolkit

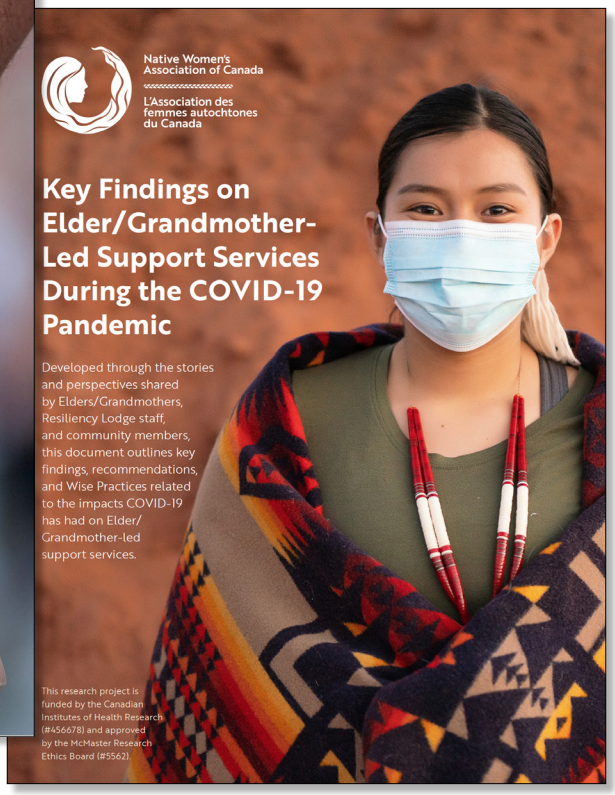
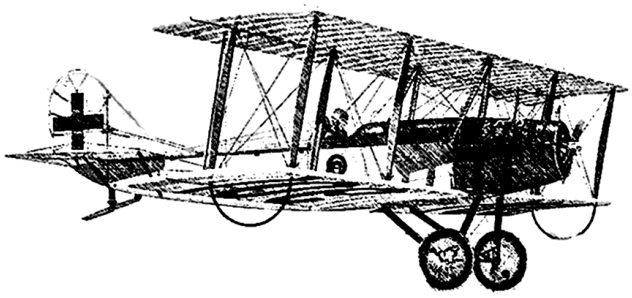
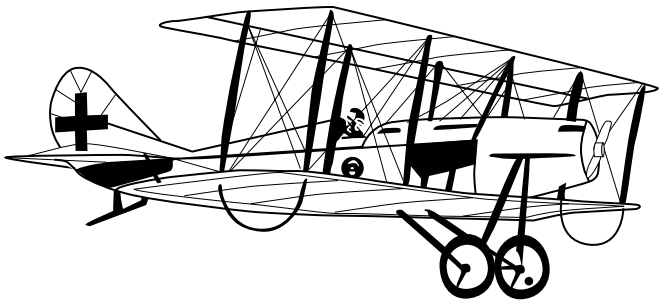

Native Women's Association of Canada
L'Association des femmes autochtones du Canada
Key Findings on Elder/Grandmother-Led Support Services During the COVID-19 Pandemic
Developed through the stories and perspectives shared by Elders/Grandmothers, Resiliency Lodge staff, and community members, this document outlines key findings, recommendations, and Wise Practices related to the impacts COVID-19 has had on Elder/ Grandmother-led support services.
This research project is funded by the Canadian Institutes of Health Research (#456678) and approved by the McMaster Research Ethics Board (#5562).

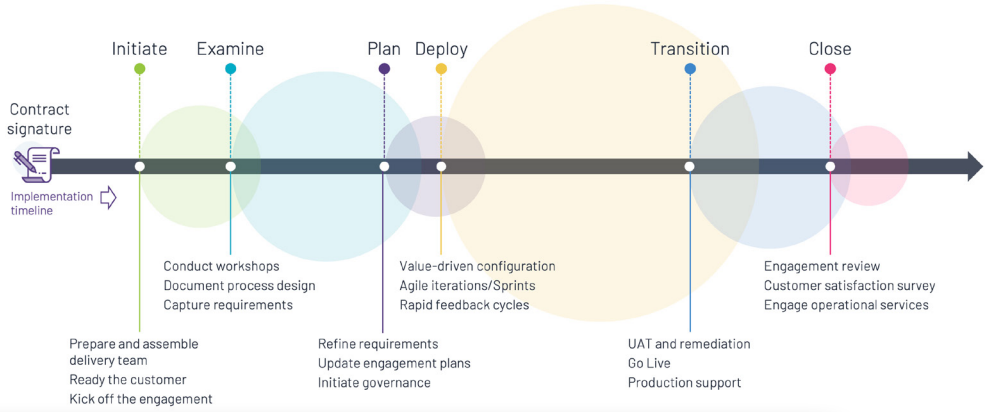
Image supplied by client.



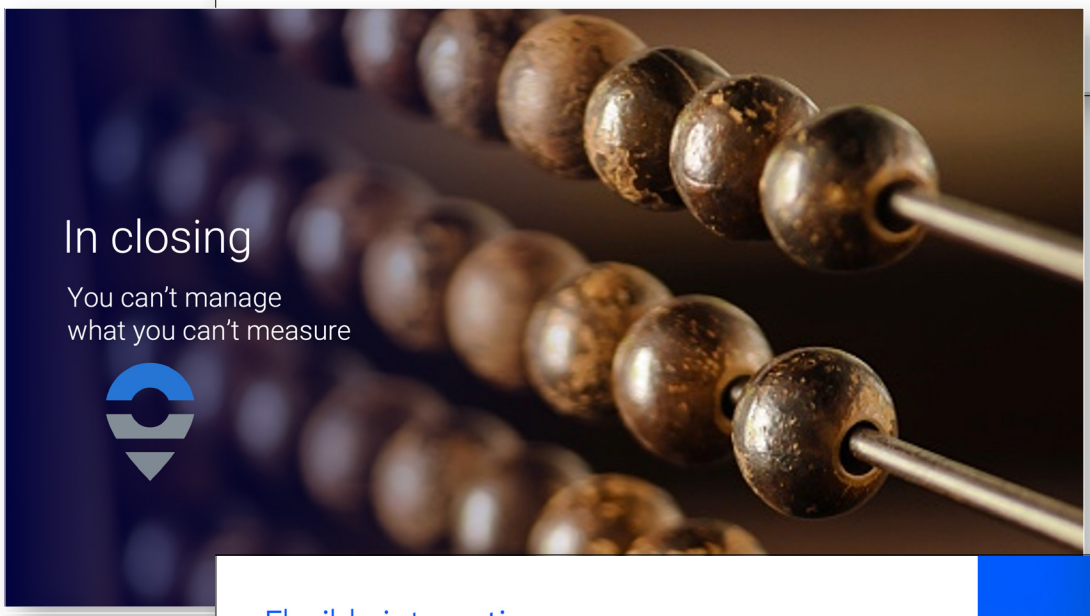
Simplified, vector-based line illustration.



NowCreate implementation framework

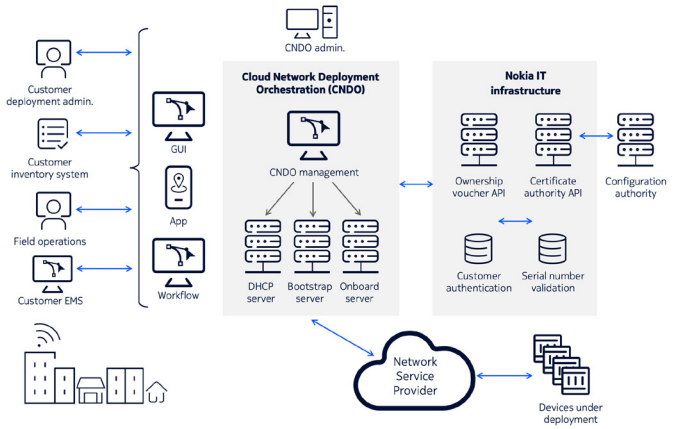


12



Flexible integration

Addressing the challenges

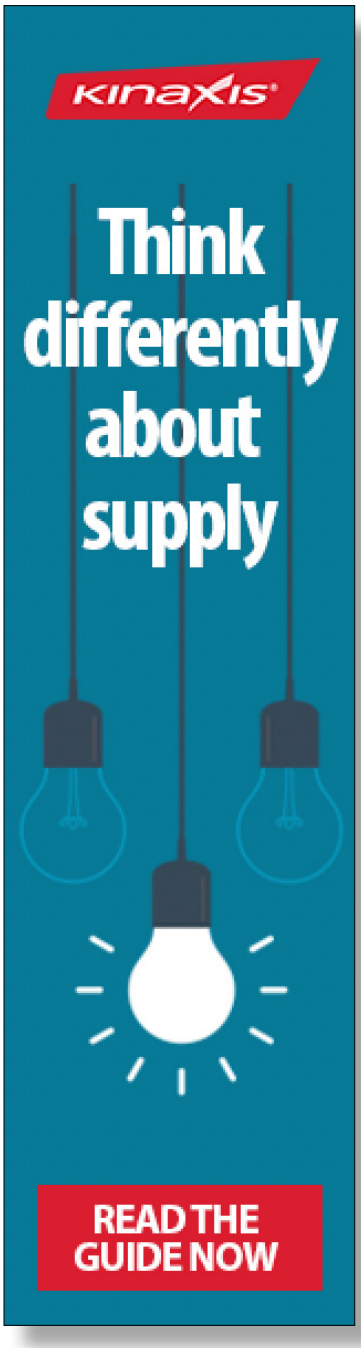


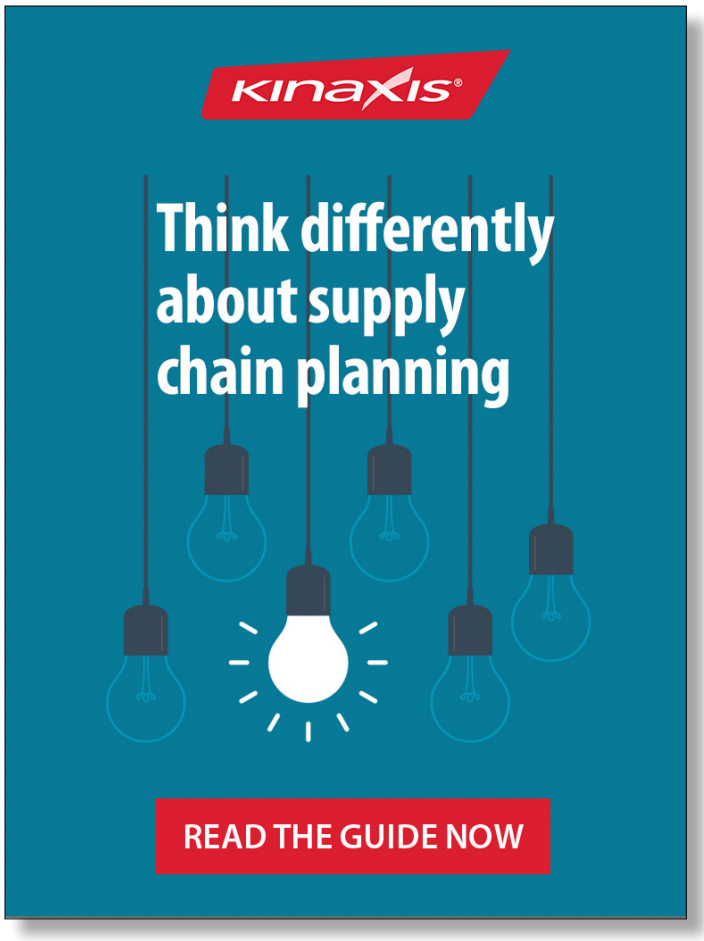
Integration

- Nokia deployment workflow
- Custom GUI integration
- Customer workflow engine
- Field services app
- Customer EMS notification

NOKIA

 © 2024 Nokia

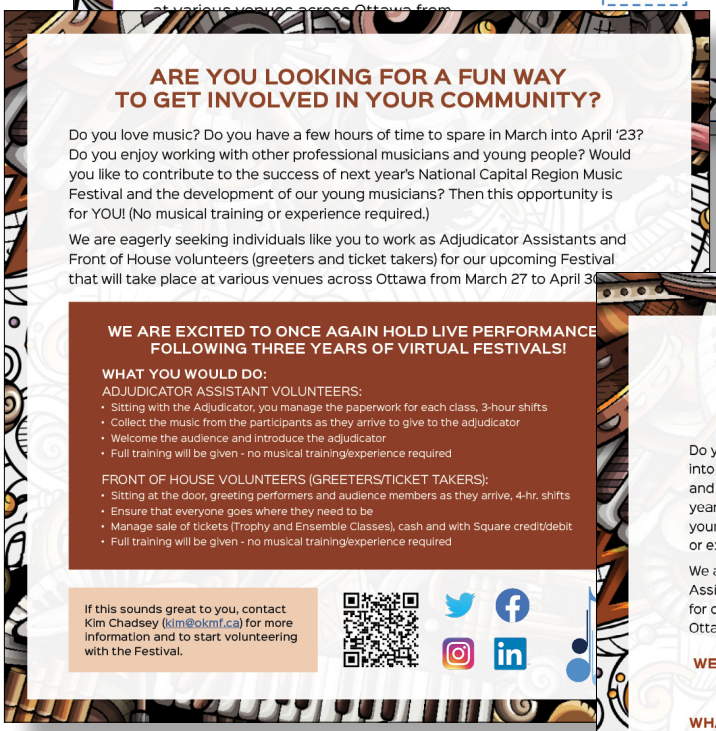

kinaxis
Think differently about supply
READ THE GUIDE NOW


kinaxis
Think differently about supply chain planning
READ THE GUIDE NOW

kinaxis
Think differently about supply chain planning
READ THE GUIDE NOW

kinaxis
Think differently about supply
READ THE GUIDE NOW

ARE YOU LOOKING FOR A FUN WAY TO GET INVOLVED IN YOUR COMMUNITY?
Do you love music? Do you have a few hours of time to spare in March into April '23? Do you enjoy working with other professional musicians and young people? Would you like to contribute to the success of next year's National Capital Region Music Festival and the development of our young musicians? Then this opportunity is for YOU! (No musical training or experience required.)
We are eagerly seeking individuals like you to work as Adjudicator Assistants and Front of House volunteers (greeters and ticket takers) for our upcoming Festival that will take place at various venues across Ottawa from
WE ARE EXCITED TO ONCE AGAIN HOLD LIVE PERFORMANCES FOLLOWING THREE YEARS OF VIRTUAL FESTIVALS!
WHAT YOU WOULD DO:
ADJUDICATOR ASSISTANT VOLUNTEERS:
• Sitting with the Adjudicator, you manage the paperwork for each class, 3-hour shifts
• Collect the music from the participants as they arrive to give to the adjudicator
• Welcome the audience and introduce the adjudicator
• Full training will be given - no musical training/experience required
FRONT OF HOUSE VOLUNTEERS (GREETERS/TICKET TAKERS):
• Sitting at the door, greeting performers and audience members as they arrive, 4-hr. shifts
• Ensure that everyone goes where they need to be
• Manage sale of tickets (Trophy and Ensemble Classes), cash and with Square credit/debit
• Full training will be given - no musical training/experience required
IF THIS SOUNDS GREAT TO YOU, CONTACT KIM CHADSEY (KIM@OKMF.CA) FOR MORE INFORMATION AND TO START VOLUNTEERING WITH THE FESTIVAL.
kiwanis music FESTIVAL
NATIONAL CAPITAL REGION
since 1945


ARE YOU LOOKING FOR A FUN WAY TO GET INVOLVED IN YOUR COMMUNITY?
Do you love music? Do you have a few hours of time to spare in March into April '23? Do you enjoy working with other professional musicians and young people? Would you like to contribute to the success of next year's National Capital Region Music Festival and the development of our young musicians? Then this opportunity is for YOU! (No musical training or experience required.)
We are eagerly seeking individuals like you to work as Adjudicator Assistants and Front of House volunteers (greeters and ticket takers) for our upcoming Festival that will take place at various venues across Ottawa from March 27 to April 30
WE ARE EXCITED TO ONCE AGAIN HOLD LIVE PERFORMANCE FOLLOWING THREE YEARS OF VIRTUAL FESTIVALS!
WHAT YOU WOULD DO:
ADJUDICATOR ASSISTANT VOLUNTEERS:
• Sitting with the Adjudicator, you manage the paperwork for each class, 3-hour shifts
• Collect the music from the participants as they arrive to give to the adjudicator
• Welcome the audience and introduce the adjudicator
• Full training will be given - no musical training/experience required
FRONT OF HOUSE VOLUNTEERS (GREETERS/TICKET TAKERS):
• Sitting at the door, greeting performers and audience members as they arrive, 4-hr. shifts
• Ensure that everyone goes where they need to be
• Manage sale of tickets (Trophy and Ensemble Classes), cash and with Square credit/debit
• Full training will be given - no musical training/experience required
If this sounds great to you, contact Kim Chadsey (kim@okmf.ca) for more information and to start volunteering with the Festival.

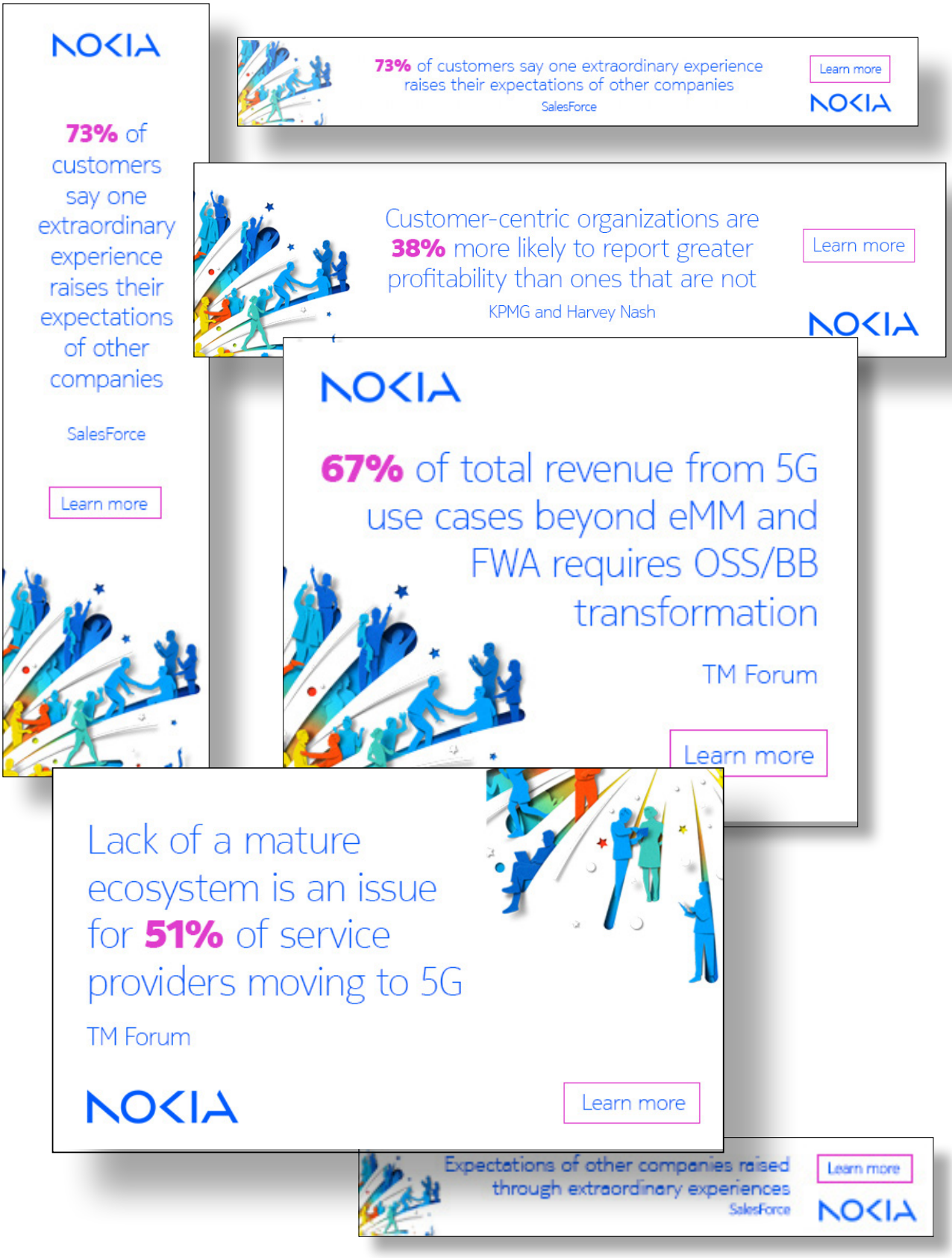
ARE YOU LOOKING FOR A FUN WAY TO GET INVOLVED IN YOUR COMMUNITY?
Do you love music? Do you have a few hours of time to spare in March into April '23? Do you enjoy working with other professional musicians and young people? Would you like to contribute to the success of next year's National Capital Region Music Festival and the development of our young musicians? Then this opportunity is for YOU! (No musical training or experience required.)
We are eagerly seeking individuals like you to work as Adjudicator Assistants and Front of House volunteers (greeters and ticket takers) for our upcoming Festival that will take place at various venues across Ottawa from March 27 to April 30, 2023.
WE ARE EXCITED TO ONCE AGAIN HOLD LIVE PERFORMANCES FOLLOWING THREE YEARS OF VIRTUAL FESTIVALS!
WHAT YOU WOULD DO:
ADJUDICATOR ASSISTANT VOLUNTEERS:
• Sitting with the Adjudicator, you manage the paperwork for each class, 3-hour shifts
• Collect the music from the participants as they arrive to give to the adjudicator
• Welcome the audience and introduce the adjudicator
• Full training will be given - no musical training/experience required
FRONT OF HOUSE VOLUNTEERS (GREETERS/TICKET TAKERS):
• Sitting at the door, greeting performers and audience members as they arrive, 4-hr. shifts
• Ensure that everyone goes where they need to be
• Manage sale of tickets (Trophy and Ensemble Classes), cash and with Square credit/debit
• Full training will be given - no musical training/experience required
If this sounds great to you, contact Kim Chadsey (kim@okmf.ca) for more information and to start volunteering with the Festival.
kiwanis music FESTIVAL
NATIONAL CAPITAL REGION
since 1945

Grieg
Holberg Suite
Järvlepp
In Memoriam
(In memory of Rick Tersteeg)
Mozetich
Affairs of the Heart
David Thies-Thompson
Solo violin
Sunday, November 4, 2:00 p.m.
St. John the Evangelist Anglican Church
(Elgin Street at Somerset - Ottawa)
The Strings of St. John's
David Thies-Thompson, Conductor
Jean Desmarais, Guest conductor
ADMISSION BY DONATION
Suggested donation $20.00/adult
For more information:
www.stringsofstjohns.ca
Strings of St. John's 2018
Ottawa

Grieg
Holberg Suite
Järvlepp
In Memoriam
(In memory of Rick Tersteeg)
Mozetich
Affairs of the Heart
David Thies-Thompson
Solo violin
Sunday, November 4, 2:00 p.m.
St. John the Evangelist Anglican Church
(Elgin Street at Somerset - Ottawa)
The Strings of St. John's
David Thies-Thompson, Conductor
Jean Desmarais, Guest conductor
ADMISSION BY DONATION
Suggested donation $20.00/adult
For more information:
www.stringsofstjohns.ca
Ottawa

Grieg
Holberg Suite
Järvlepp
In Memoriam
(In memory of Rick Tersteeg)
Mozetich
Affairs of the Heart
David Thies-Thompson
Solo violin
Sunday, November 4, 2:00 p.m.
St. John the Evangelist Anglican Church
(Elgin Street at Somerset - Ottawa)
ADMISSION BY DONATION
Suggested donation $20.00/adult
For more information:
www.stringsofstjohns.ca

Grieg
Holberg Suite
Järvlepp
In Memoriam
(In memory of Rick Tersteeg)
Mozetich
Affairs of the Heart
David Thies-Thompson
Solo violin
Sunday, November 4, 2:00 p.m.
St. John the Evangelist Anglican Church
(Elgin Street at Somerset - Ottawa)
The Strings of St. John's
David Thies-Thompson, Conductor
Jean Desmarais, Guest conductor
ADMISSION BY DONATION
Suggested donation $20.00/adult
For more information:
www.stringsofstjohns.ca
Strings of St. John's 2018
Ottawa


NOKIA
73% of customers say one extraordinary experience raises their expectations of other companies
SalesForce
Learn more
73% of customers say one extraordinary experience raises their expectations of other companies
SalesForce
Learn more
NOKIA
Customer-centric organizations are 38% more likely to report greater profitability than ones that are not
KPMG and Harvey Nash
Learn more
NOKIA
NOKIA
67% of total revenue from 5G use cases beyond eMM and FWA requires OSS/BB transformation
TM Forum
Learn more
Lack of a mature ecosystem is an issue for 51% of service providers moving to 5G
TM Forum
NOKIA
Learn more
Expectations of other companies raised through extraordinary experiences
SalesForce
Learn more
NOKIA

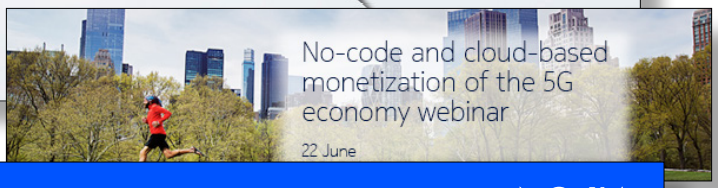
Symphonic Spring
Printemps symphonique
April 6, 2024 – 8 PM
6 avril 2024 – 20 h
St. Joseph's Parish
174, rue Wilbrod St.
Sous la direction de
David Thies-Thompson
Symphonic Spring
Printemps symphonique
April 6, 2024 – 8 PM
9 avril 2024 – 20 h
St. Joseph's Parish
174, rue Wilbrod St.
Sous la direction de
David Thies-Thompson
conducts
Haydn: Symphony/symphonie #103
Bruch: Symphony/symphonie #3
Tickets/Billets
Ottawachamberorchestra.com
Symphonic Spring
Printemps symphonique
April 6, 2024 – 8 PM
9 avril2024 – 20 h
St. Joseph's Parish
174, rue Wilbrod St.
Tickets/Billets
Ottawachamberorchestra.com
Symphonic Spring
Printemps symphonique
April 6, 2024 – 8 PM
9 avril 2024 – 20 h
St. Joseph's Parish
174, rue Wilbrod St.
Sous la direction de
David Thies-Thompson
conducts
Haydn: Symphony/symphonie #103
Bruch: Symphony/symphonie #3
Tickets/Billets
Ottawachamberorchestra.com
Symphonic Spring
Printemps symphonique
April 6, 2024 – 8 PM
9 avril 2024 – 20 h
St. Joseph's Parish
174, rue Wilbrod St.
Sous la direction de
David Thies-Thompson
conducts
Haydn: Symphony/symphonie #103
Bruch: Symphony/symphonie #3
Tickets/Billets
Ottawachamberorchestra.com

Nokia ONT Easy Start Solution
MAVENIR
Trust the Future
Access Products Division
SENSTAR
THE TRUSTED CHOICE FOR PERIMETER INTRUSION DETECTION AND SECURITY SOLUTIONS

NOKIA

Changing the conversation: G.fast, the fiber extension

Article by Zsolt Adamy



NOKIA

User information made easy

Nokia Scene Analytics
Competitive battlecard

NOKIA

ELEVATOR PITCH

The Internet of Things (IoT) is transforming how businesses operate—whether it's offering new services, enabling new business models, providing a safer environment, optimizing Industry 4.0, providing insights, or making decisions on behalf of people. Network-connected cameras are one of the largest producers of IoT data, and they have the potential to be one of the most insightful – if we can extract analytics about the scenes the cameras are supervising. Furthermore, as the cost of the cameras goes down, their ubiquity goes up—and prioritizing which scenes/events are needed for human review is a big challenge.

This is precisely the challenge that Nokia Scene Analytics is trying to address. Scene Analytics uses computer vision (CV) technology and machine learning(ML) techniques to determine scenes of interest and produce insight about the scene.. Some of these algorithms work in real time to provide situational intelligence to a scene. Some of the algorithms work periodically to provide business.

Key differentiators of **Scene Analytics**:

- Providing high **flexibility to the deployment** of the video analytics processing
- Providing Nokia-specific algorithms (such as motion anomaly detection developed by **Nokia Bell Labs and Nokia data scientists**
- Providing a flexible environment to **add more streaming algorithms** based on industry need.
- Enabling "**sensor fusion**" whereby data from other IoT sensors can be combined with

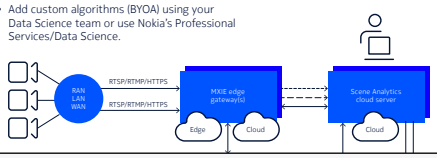
SOLUTION OVERVIEW

KEY CAPABILITIES

- Rich user interface for visualization, management and consumption of scene data
- Real-time alerting using pipeline of Machine-learning algorithms
- Monitoring of scenes from cameras and additional IoT sensors
- Business intelligence capabilities that provide further forensics such as : object detection, advance vehicle analytics and face re-identification and OCR reader for container ID
- Reduction of video stream and human review costs
- Open APIs for building applications and external analytics

SOLUTION DETAILS

- Integrates with almost every IP camera
- Flexible edge or cloud deployments
- Multi-tenant and High Availability
- Out-of-the box integration with Milestone Video Management System
- Add custom algorithms (BYOA) using your Data Science team or use Nokia's Professional Services/Data Science.



COMPETITIVE POSITIONING AND ENTRY POINTS

HOW TO BEST POSITION AGAINST TYPICAL COMPETITORS

EXISTING CAMERA SURVEILLANCE VENDORS

- ✓ Focus on avoiding 24 X 7 surveillance and focus on finding anomalies.
- ✓ Video analytics focus on industry needs. Nokia has fewer algorithms, but our technology enables us to drop algorithms in post deployment or a needs arise.
- ✓ Video analytics part of a larger industry solution with a number of proof point in the market.

CLOUD IOT & VIDEO ANALYTICS PLATFORM (E.G. AWS, GOOGLE, AZURE)

- ✓ Not usable for teams with limited development team since no app actually exists; needs to be built from scratch
- ✓ Minimal on-premise support, Nokia provides both cloud and on premise support.
- ✓ Limited ability to request platform features

POINT-BASED MACHINE LEARNING SOLUTIONS (E.G. "I DO LICENSE PLATE RECOGNITION ONLY")

- ✓ Requires huge compute for every algorithm & use case.
- ✓ Combining algorithms back-to-back is more compute efficient

ENTRY POINTS – WHERE TO START?

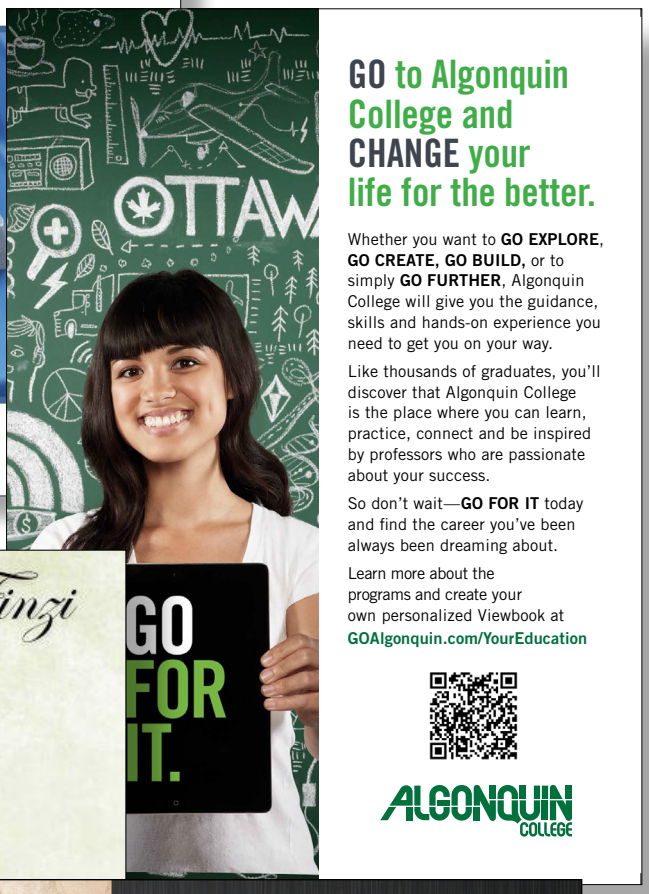
- ✓ Target industries include: Manufacturing, Transportation (Railways and ports), Smart Cities and Utilities
- ✓ Use case examples: Industrial safety, quality and security, Safe roadways and tunnels, Rail crossings and Ports
- ✓ Scene Analytics as trigger for optimization, algorithms make assumption about condition based on averaging data provided,.
- ✓ Monitors conditions looks for anomalies, looking for change of state.
- ✓ Detect deviation that should

NOKIA

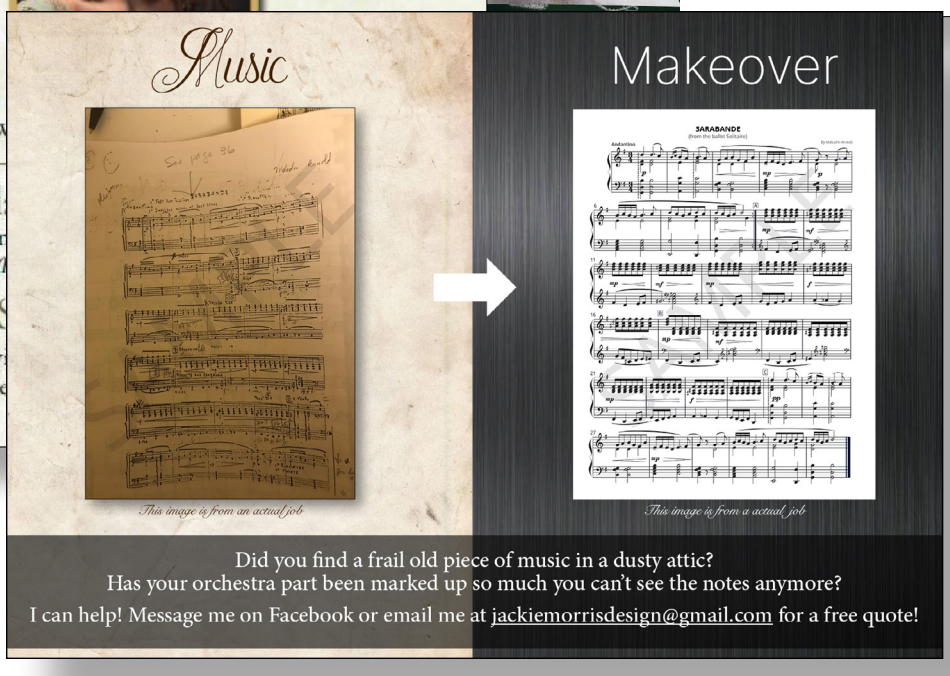
The lifecycle in Nokia's Design for Environment approach

Zac Pulak, Percussion
Mendelssohn
String Symphony #10
Bartók
Romanian Dances
Bach
Violin Concerto #2
Sunday, April 21, 2:0
St. John the Evangelist Anglican
(Elgin Street at Somerset - Otta
The Strings of St. J
Strings
of St. John's
2018
Sunday March 8th
is International Women's Day!
Join us to celebrate!
The Strings of St. John's in concert with
Abbey Sugars-Keen | violin
Emily Yu | cello
Catherine Mennill | cello
and Richard Arrigo | guest conductor
Sunday March 8, 2:00 pm
St. John the Evangelist Anglican Church
(Elgin Street at Somerset - Ottawa)
Admission by donation
(suggested $20/adult)
Ottawa
www.stringsofstjohns.ca
Strings
of St. John's
Strings
of St. John's
The Strings of St. John's welcomes
Senior Trophy Class participants
to apply to be a soloist with our
string orchestra under the direction
of Jean Desmarais
season (stringsofst
Come hear us! Our
is at 2pm, Sunday
St. John the Evange
at Elgin.
Pay what you can,
$20 for adults.
KINDLY JOIN US AT A
PRE-WEDDING RECEPTION FOR
CAITLIN
&
JAMES
AUGUST 11 2024
TWO THIRTY IN THE AFTERNOON
JACKIE & RICK'S HOUSE
21 ALBURY CRESCENT
STITTSVILLE
RSVP BY JULY 31
jackiemorrisdesign@gmail.com

CREATIVE WORDPLAY
Penny Lange & Associates
Razzle-Dazzle Them
Technical Marcom Writing
Penny Lange & Associates


GO to Algonquin College and CHANGE your life for the better.
Whether you want to GO EXPLORE, GO CREATE, GO BUILD, or to simply GO FURTHER, Algonquin College will give you the guidance, skills and hands-on experience you need to get you on your way.
Like thousands of graduates, you'll discover that Algonquin College is the place where you can learn, practice, connect and be inspired by professors who are passionate about your success.
So don't wait—GO FOR IT today and find the career you've been always been dreaming about.
Learn more about the programs and create your own personalized Viewbook at GOAlgonquin.com/YourEducation
ALGONQUIN COLLEGE

Elgar, Respighi & Finzi


Music
Makeover
SARABANDE
This image is from an actual job
This image is from a actual job
Did you find a frail old piece of music in a dusty attic?
Has your orchestra part been marked up so much you can't see the notes anymore?
I can help! Message me on Facebook or email me at jackiemorrisdesign@gmail.com for a free quote!