



Welcome to the **August** edition of ACT News – Driving Insights. This complimentary service is provided by ACT Canada. Please feel free to forward this to your colleagues.

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ACT Canada Partners

INGENICO - *Payment Acceptance Solution Provider*

Ingenico Group is the global leader in seamless payment, providing smart, trusted and secure payment solutions to empower commerce across all channels, in-store, online and mobile. With the world's largest payment acceptance network, we deliver secure solutions with a local, national and international scope in 125 countries. For over 30 years, we have been the trusted world-class partner for financial institutions and for retailers, ranging in size from small merchants to several of the world's best known global brands. Our smart terminal and mobile solutions enable merchants to simplify payment and deliver their brand promise.

INTERAC - *Payment Network Partner*

Interac Association is a recognized world leader in debit card services. Interac Association is responsible for the development and operations of the Interac network, a national payment network that allows Canadians to access their money through Interac Cash at 60,000 Automated Banking Machines and Interac Debit at 766,000 point-of-sale terminals across Canada. Interac Flash, a secure contactless enhancement of Interac Debit allows Canadians to pay for items instantly with their Interac chip debit card at a reader that supports Interac Flash.

New and Renewing Members

General Member

LoyaltyOne Inc ~ member since 2008

Career Opportunities

Visit our career opportunities section for the latest opportunities - <http://www.actcda.com/information/careers/>

Looking for good people?

There is a lot of movement in the market, so if you are looking for new employees, we are always aware of some great people. Please contact ACT Canada for more details - postings@actcda.com

Calendar Of Events

ACT Event: Cannabis Commerce Update

Toronto, ON, Canada
October 2nd, 2018

<https://www.actcda.com/calendar/act-canada-events/cannabis-commerce-update.html>

ACT Canada Members attend for free

Global Digital Banking Conference

Toronto, ON, Canada
September 20th, 2018

<https://www.globaldigitalbankingcanada.com/>

ACT Canada Members receive a 20% discount

FinovateFall

New York, NY, USA
September 24th – 27th, 2018

<https://finance.knect365.com/finovatefall/>

ACT Canada Members receive a 20% discount

Real Time Payments Summit

New York, NY, USA
September 25th, 2018

<https://www.rtpsummit.com/newyork/>

ACT Canada Members receive a 15% discount

Money2020

Las Vegas, NV, USA
October 21st -24th, 2018

<https://us.money2020.com>

ACT Canada Members receive a US\$250 discount on top of existing discounts

Customer Expo

Nashville, TN, USA
October 24th – 26th, 2018

<https://customerexpo.loyalty360.org/>

ACT Canada Members receive a 20% discount

Canadian Payments Innovation Forum

Toronto, ON, Canada
November 22nd

<http://www.rfintelligence.com/rfi-group/upcoming-events>

ACT Canada Members receive a 20% discount

TRUSTECH

Cannes, France
November 27th – 29th, 2018

<https://www.trustech-event.com/>

ACT Canada Members receive a €550 discount



Articles

1. ACT CANADA'S RESPONSE TO ETA'S CANADIAN EXPANSION

Source: ACT Canada (08/30)

Regarding the Electronic Transactions Association (ETA) press release last week, we want to welcome ETA's lobbying efforts on behalf of their members in response to the Department of Finance's "A New Retail Payments Oversight Framework".

ACT Canada traditionally has not lobbied government at the request of our members who have often had differing viewpoints on regulations. ACT Canada and ETA have collaborated over the past decade and look forward to continuing our mutually supportive relationship.

Please see story #3 for the full article on the ETA lobbying initiative.

2. CANNABIS COMMERCE UPDATE EVENT ANNOUNCED

Source: ACT Canada (08/30)

Cannabis legalization continues to dominate the Canadian headlines, particularly in recent months. The government continues to hone and cement their respective legislative terms for cannabis legalization on both a federal and provincial level with regard to where, how, and to whom cannabis products can be sold. Despite the progress made in these areas in such a relatively short frame, many fundamental issues directly impacting the payments industry still remain unaddressed and unanswered – all with the October 17th legalization date approaching fast.

Back in May, our Cannabis Commerce panel at the ACT Canada Forum was highly successful in laying out the framework for these issues facing our industry as the government prepares for cannabis to go mainstream. Join us for an update on these topics, featuring David Danziger from MNP LLP.

After, join us for the opportunity to network and socialize.

When and Where?

MaRS Discovery District, South Tower, 101 College Street, Suite 401,
Toronto, M5G 1L7 on October 2nd from 4pm – 6pm

Tickets

Free for members and \$50 (+HST) for non-members.

Register

<https://actcdaca.memberzone.com/eventregistration/register/2>



Attention members: If you do not have log in details, please contact Madeleine Hind at madeleine.hind@actcda.com or (905) 426-6360 x 117.

3. WHY THE ELECTRONIC TRANSACTIONS ASSOCIATION IS FOCUSING ON CANADA

Source: Digital Transactions (08/22)

In response to Canada's moves to introduce further regulation of its payments industry, the Washington, D.C.-based Electronic Transactions Association said this week it is "expanding" its advocacy effort into that country. So far, the ETA's effort includes hiring a lobbyist to represent the interests of Canadian payments companies and U.S. companies with Canadian operations, Scott Talbott, senior vice president of government affairs at the association, tells Digital Transactions News.

Some two dozen ETA-member companies are based in or have at least some business interests in Canada, the association says. These include major firms such as Toronto-based Moneris Solutions, Paysafe Group, Montreal-based Pivotal Payments, and Square Inc.

For now, Talbott and the lobbyist, Chris Smillie, a principal at Tactix, a law firm with offices in Ottawa and Toronto, are focusing on a proposal the Canadian government's Department of Finance calls "A New Retail Payments Oversight Framework," which emerged in the form of a consultation paper last year as part of an effort to more closely regulate consumer-based payments. The paper represents "the largest contemplated change" the ETA sees in Canada's approach to the payments business, Talbott says.

The sweeping proposal would introduce new regulation covering a wide range of issues, including consumer protection, disclosures, operational standards, and liability. "They cover the waterfront," says Talbott.

The ETA's concern is that at least some of the proposals could create confusion by adding to or duplicating existing law. "The consultation draft is headed in the right direction, but we want to ensure the new framework takes into account existing regulation so as not to pile on," Talbott says. "We're not against regulation, but we want smart regulation." Canada already has, for example, a code of conduct governing the credit and debit card business.

The ETA's interest in the proposal dates almost to when the draft emerged. The association filed comments on Oct. 6, the date they were due, and has asked the Department of Finance to consider both existing regulation and self-regulation before creating new law, Talbott says.



But now the group feels a stronger effort is needed, and hence the decision to hire Tactix. “We’ve been up there lobbying, but the issue has grown big enough that having regular boots on the ground is necessary,” Talbott says.

Adam Atlas, a Montreal-based attorney who concentrates on acquiring matters, applauds the ETA’s expanded focus on Canada, and on the “New Retail Payments Oversight Framework” in particular. “The Framework is problematic,” he says. “There are existing contracts and network rules that serve what the Framework is trying to serve.”

He argues payments innovation is moving fast enough that government regulation would soon grow obsolete. “The ground is always shifting,” he says. “I’d be surprised if the Department of Finance could keep up.”

The Electronic Transactions Association, Moneris and Pivotal Payments Corporation are members of ACT Canada; please visit <https://www.electran.org/>, <http://www.moneris.com/> and <https://www.pivotalpayments.com/>

4. VISA, MASTERCARD AGREE TO CUT CANADA INTERCHANGE FEES

Source: Bloomberg (08/09)

Visa Inc. and MasterCard Inc. agreed to cut Canadian credit-card transaction fees in a move that could save smaller businesses C\$250 million (\$192 million) a year and crimp revenue for Canadian lenders.

The U.S. companies agreed to reduce the average annual interchange rate in Canada by 10 basis points to 1.4 percent on cards, Canada’s finance department said Thursday in a statement. The new rate takes effect in 2020 and runs for five years. The government estimated that small and medium-sized businesses could save C\$25,000 over the period.

“The voluntary commitments announced today are good news for Canadian businesses that accept credit cards, and good news for Canadian consumers,” Finance Minister Bill Morneau said in the statement. “With lower interchange fees, businesses will be able to save money that they can use to invest, grow and create more jobs.”

The agreement follows a similar move in April 2015, when Visa and MasterCard lowered their average interchange rate to 1.5 percent on Canadian cards in a five-year commitment amid pressure from the federal government.

“MasterCard continues to take a fair and balanced approach to further enhance the value of electronic payments for businesses and consumers,” MasterCard said in a statement.



Visa said in a statement it “looks forward to continuing to work closely with the government, financial institutions and merchants across the country to promote a competitive, efficient, innovative and secure payment system in Canada.”

American Express Co. agreed separately to support “objectives of greater fairness and transparency,” the government said. AmEx doesn’t operate on an interchange model for its fees. The New York-based company remains “committed to improving the fairness of the Canadian credit card ecosystem,” company spokesman David Barnes said in an email.

Biggest Impact

The change affects Canada’s lenders more than the card companies. Card issuers, which include the banks and credit unions, receive the majority of the swipe fee that’s passed along by the payments-card networks. Lenders use the revenue from those fees to maintain the payments network system, and to pay for loyalty programs and other benefits.

“Banks in Canada provide value for merchants and consumers across the country through a secure, reliable, cost-effective payment card network system,” the Canadian Bankers Association said in a statement. “Canada’s flexible interchange rates are already the lowest among jurisdictions including the United States, Latin America and the Asia Pacific region.”

Toronto-Dominion Bank is Canada’s largest credit-card issuer based on outstanding balances, followed by Royal Bank of Canada and Canadian Imperial Bank of Commerce, according to 2017 data compiled by the Nilson Report, a payments-industry publication. The purchase volume of 23 card issuers in Canada reached \$365.5 billion last year, Nilson said.

American Express Co, Toronto-Dominion Bank and MasterCard are members of ACT Canada; please visit <https://www.americanexpress.com/canada/>, <https://www.td.com/> and <https://www.mastercard.ca/>

5. AUSTRALIAN PAYMENTS INDUSTRY RAMPS UP FIGHT AGAINST CNP CARD FRAUD

Source: Mobile Payments Today (08/24)

The Australian Payments Network, also known as AusPayNet, has announced the start of an industry consultation on a new framework to accelerate the fight against online card fraud.

The announcement coincides with the release of the latest card fraud data for 2017 showing card-not-present fraud accounted for 85 percent of all fraud on Australian cards. This is in line with global trends and reflects the rapid growth of



e-commerce and online payments, according to a press release about the new framework.

AusPayNet CEO Dr. Leila Fourie said the success of chip technology in preventing in-person card fraud meant that criminal activity was migrating to online payment channels.

"This is the trend internationally, and the Australian industry has mobilized to ramp up the uptake of prevention measures," Fourie said in the release. "With fraud values in other areas of card payments either flat or falling, attention is now focused squarely on online fraud."

Key elements of the CNP Fraud Mitigation Framework include:

- Targets for card issuers to reduce CNP fraud across their card base
 - Merchants who record fraud above an agreed industry benchmark being required to use multi-factor authentication, except for exempt (low-risk) transactions
 - Boosting the use of tokenization and compliance with card-security standards (PCI DSS)
 - Encouraging use of biometrics in authenticating CNP transactions
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6. BUSINESSES STAND TO LOSE CUSTOMERS FROM PAYMENT FRICTION AT CHECK-OUT

Source: Payments Canada (08/08)

Everything in the retail, service, sharing economy and hospitality business is about creating an exceptional customer experience. Yet, according to a new study released today by Payments Canada, friction at the end of the path to purchase in store and online is causing 53 per cent of Canadians to abandon a purchase.

"The high abandonment rates at check-out suggest there is a high cost of not integrating faster, more convenient payment technologies. Canadian consumers are speaking with their wallets, indicating that they will not buy from those businesses that don't make the payment experience easy," said Gerry Gaetz, President and CEO of Payments Canada.

Conducted by Leger Marketing Inc., the survey found that 70 per cent of Canadians who have uploaded an e-wallet such as Apple Pay used this payment type at least once since its launch in Canada. There is also a growing appetite for other emerging payment technologies that cause less friction - 43 per cent of Canadians are interested in invisible or non-check-out payments in store, such as Amazon Go, as well as one-third who are interested in payments via social networking apps like AliPay and WeChat Pay.

“With record levels of overseas travel, many Canadians are getting a taste for new, more convenient digital payment platforms and are expecting to see these technologies roll out in Canada as well,” said Gaetz. “Fortunately, we are working with Canadian financial institutions and key government stakeholders to design and implement new payment systems, rules and standards that will make it possible to introduce faster, safer and more data-rich payment options for Canada’s businesses and consumers.”

Along with social networking apps, 38 per cent of Canadians are interested in using alias or token ID – an alternate identifier tied to a bank account number that could be used across channels, from Twitter to text message – to pay or send money across platforms.

Other consumer insights include:

- One third of Canadians have deposited a cheque using a camera or mobile app and 96 per cent of them find this convenient.
- Canadians living in urban neighbourhoods are more interested in payments becoming more invisible (49 percent) compared to suburban (42 per cent) or rural (31 per cent).
- Four-in-ten Canadians store personal credit card information with a mobile app or online ecommerce site, and the vast majority (86%) feel confident that the app or service provider they are using ensures the security and privacy of their personal credit card information.
- Millennials are the most interested in alias or token ID (52 per cent).
- One-in-six Canadians (16%) have uploaded an e-wallet app in Canada. This is up three percent from 2017.

The results support the transformation that Payments Canada and the financial services industry are undertaking to modernize the payments infrastructure and rules that underpin payments in Canada. When completed, financial institutions and payment service providers will have a modern, fast and data-rich infrastructure on which to innovate and develop better ways for Canadians to pay for goods and services and transfer money.

The study was undertaken by Leger Marketing Inc., and Payments Canada between April 2 and June 11, 2018. For phase one of the study, an online survey of 1,501 Canadians was completed using Leger’s online panel. In phase two, 1,539 Canadians participated. The margin of error for this study was +/-2.5%, 19 times out of 20.

Payments Canada is a member of ACT Canada; please visit www.payments.ca.

7. SAMSUNG'S NEW GALAXY WATCH SMARTWATCH USES G+D MOBILE SECURITY'S ESIM TECHNOLOGY FOR SEAMLESS CONNECTIVITY

Source: G+D Mobile Security (08/10)

Samsung Mobile globally launched the next generation of their successful Samsung Gear smartwatch, the Samsung Galaxy Watch. The powerful and feature rich smartwatch integrates a consumer embedded SIM (eSIM) solution, exclusively supplied by G+D Mobile Security. This latest generation of Samsung smartwatches supports remote profile management over-the-air with mobile network operators (MNOs) in all regions. Consumers benefit from a user-friendly connectivity and seamless device management.

Many new connected devices or wearables, like the Samsung Galaxy Watch, do not have a slot for a pluggable SIM anymore but are instead capable of connecting to cellular networks via embedded SIM technology. G+D Mobile Security has been the pioneer and leading provider of eSIM management technology to activate the carrier-unique credentials securely over-the-air on these devices and supports a large number of MNOs worldwide in their eSIM projects. The cooperation between Samsung Mobile and G+D Mobile Security is long-standing, as the previous smartwatch generations Gear S2 and Gear S3 have also been using G+D's technology.

“We are pleased that the proven G+D eSIM technology again met Samsung Mobile's challenging quality and product requirements. This design-win is a further significant milestone in G+D Mobile Security's consumer eSIM strategy, demonstrating our eSIM management market leadership, “states Carsten Ahrens, CEO of G+D Mobile Security. „It also is a testament to our strong relationship with Samsung as one of the global leading smartphone and wearable vendors. “

The eSIM solution implemented in the new Galaxy Watch model is based on G+D's secure Sm@rtSIM CX platform and is compliant with current GSMA RSP v2.2 eSIM technical specifications for consumer devices. The hardware integration uses an STMicroelectronics' ST33G1M2 32-bit secure microcontroller in the smallest available form factor. The very tiny WLCSP (Wafer Level Chip Scale Package) microcontroller is optimized for the compact and stylish Galaxy Watch design.

G+D Mobile Security is a member of ACT Canada; please visit www.gi-de.com/de/de/mobile-security.



8. ICC SOLUTIONS AND WORLDPAY HELP REDUCE CERTIFICATION TIMES WITH VIABLE SOLUTION

Source: ICC Solutions (08/29)

Overview

FreedomPay had an urgent requirement to certify an existing EMV payment terminal configuration on Worldpay's network – utilizing a net-new communication protocol, different than it had worked with previously. ICC Solutions and Worldpay assisted FreedomPay to reduce certification times, even as the certification involved a complex set of industry specific, EMV Level 3 end-to-end payment brand accreditation tests.

Challenge

The challenge for FreedomPay was to perform the tests using a test environment they had never seen or used before, in as fast a timeframe as possible to avoid delays, which would result in increased costs. Further, FreedomPay's dedicated resource had no prior experience working with the VIABLE solution set, or Worldpay as a host-acquiring platform.

Strategy

The test tool used to perform these tests was the Worldpay VIABLE solution developed by ICC solutions and Worldpay. VIABLE operates in a unique closed loop test environment, comprising both card and host simulators in a single platform, facilitating extremely fast and efficient test campaigns which gave FreedomPay full control with no connection required to the Worldpay test host. The ease of use, extensive automation features and real-time "full result" analysis of the VIABLE testing solution, combined with fast, knowledgeable and collaborative technical support of ICC Solutions, were all instrumental in ensuring success of the certification in the shortest timeframe possible.

Results

Despite the challenges, FreedomPay completed the certification in a faster timeframe recorded than for any previous certification, all of which had used a test environment from another tool vendor.

Combined with its proprietary FreedomPay Commerce Connect ("FCC") middleware engine, FreedomPay was able to leverage the extensive EMV knowledge and experience ICC Solutions has gained over the years and benefitted from ICC Solutions' relationships with all major payment brands. A close relationship was forged between FreedomPay, Worldpay and ICC Solutions, which ensured efficient progress and fast resolution of all matters.

ICC Solutions is a member of ACT Canada; please visit www.iccsolutions.com.



9. AIR CANADA, TD, CIBC, VISA AND AIMIA REACH AGREEMENT IN PRINCIPLE FOR ACQUISITION OF AEROPLAN LOYALTY BUSINESS

Source: Canada Newswire (08/21)

Air Canada, The Toronto-Dominion Bank ("TD"), Canadian Imperial Bank of Commerce ("CIBC"), Visa Canada Corporation ("Visa") (collectively, "the Consortium") and Aimia Inc. ("Aimia") announced today that they have entered into an agreement in principle for the acquisition of Aimia's Aeroplan loyalty business.

"We are pleased to see that an agreement in principle has been reached as Aeroplan members can continue to earn and redeem with confidence. This transaction, if completed, should produce the best outcome for all stakeholders, including Aeroplan Members, as it would allow for a smooth transition to Air Canada's new loyalty program launching in 2020, safeguarding their miles and providing convenience and value for millions of Canadians," said Calin Rovinescu, President and CEO of Air Canada, on behalf of the consortium.

The transaction is expected to deliver significant value to Aimia's stakeholders and the agreement in principle was approved unanimously by Aimia's Board of Directors upon recommendation by its Special Committee of independent directors. Mittleman Brothers, LLC, Aimia's largest shareholder who owns approximately 17.6% of Aimia's common shares, has provided a lock-up and support agreement under which it has agreed to vote in favour of the proposed transaction.

The aggregate purchase price consists of \$450 million in cash and is on a cash-free, debt-free basis and includes the assumption of approximately \$1.9 billion of Aeroplan Miles liability. The transaction is subject to the satisfactory conclusion of definitive transaction documents, Aimia shareholder approval, and certain other conditions, including due diligence, receipt of customary regulatory approvals and completion by the Consortium of credit card loyalty program and network agreements for future participation in Air Canada's new loyalty program.

The Canadian Imperial Bank of Commerce and Toronto-Dominion Bank are members of ACT Canada; please visit <http://www.cibc.com> and <http://www.td.com>.

10. LYFT WANTS THE PAYMENTS INDUSTRY TO DEVELOP PROCESSES FRIENDLIER TO THE GIG ECONOMY

Source: Digital Transactions (08/23)

Despite its detractors, the so-called gig economy that relies on freelance workers looks like it's here to stay. And Lyft Inc., a leading ride-share provider that's a major player in the gig economy, would like to see the payments industry evolve to meet the gig economy's needs.



Ashwin Raj, the vice president at San Francisco-based Lyft who manages payments, on Thursday said legacy payment systems for authorizations, funds movement, and chargebacks all create inefficiencies for Lyft. The service provides 1 million rides a day to passengers who use its mobile app to book and pay for rides with Lyft's freelance drivers.

"Payment plays a critical role on both sides of this marketplace," Raj said at the 2018 Mobile Payments Conference in Chicago. Raj, a Visa Inc. veteran and former general manager of Amazon.com Inc.'s Amazon Pay service, noted that Lyft recently passed the \$500 million mark in driver tips, and is moving into Canada.

But payment processes gig companies use were designed in an earlier era and are full of pitfalls, according to Raj. For example, Lyft uses a what Raj called "a hybrid process" to approve transactions in which the destination may not be known when the ride is ordered and could change after it starts. But even though the passenger who ordered the ride is in the same vehicle as the driver, Lyft is assessed card-not-present interchange rates. "That creates a fundamental disconnect in the process," he said.

Further complicating matters is the processing of tips, which the rider can pay through the app during the ride or later. Processing tips takes extra steps and can even result in a second transaction, according to Raj. That can add costs.

Meanwhile, drivers are paid through two plans: weekly deposits to their checking accounts through the automated clearing house, or quicker payments via Lyft's Express Pay service. The service uses Visa Inc.'s Visa Direct or MasterCard Inc.'s MasterCard Send for near-real-time payments. But not every bank can process Express Pay payments, according to Raj. Many drivers have to wait for slower ACH deposits, and Lyft doesn't get the confirmations it wants from such payments, according to Raj.

"We can send an ACH transaction, but there is no guarantee of delivery," he said. "It boggles my mind that in this day and age we are dependent on a system that a lack of confirmation is considered okay, and the only confirmation you get is when the message fails."

He added: "We need a real-time, scalable disbursement system that allows us to provide payouts to the gig-economy workers on a daily basis." What's more, challenging chargebacks puts Lyft at a disadvantage, according to Raj. Under current rules, "one of the requirements for proof is an address. I don't collect an address; I don't need to," he said, noting that all a Lyft driver needs to know is the pick-up and drop-off points. Raj didn't go into detail about Lyft's work-arounds in disputed transactions, but he said the resolution process needs to change.



“This information gap has to be solved in a way that helps new businesses and new models that emerge, and eliminates inefficiency,” he said. “I don’t want to invest in a whole bunch of chargeback processes and systems and data. Let’s get the data that we have, let’s get the data banks have, and bring it together in an efficient manner.”

MasterCard is a member of ACT Canada; please visit <https://www.mastercard.ca/>

11. CENTRAL 1 LAUNCHES CANADA'S FIRST AUTHENTICATED VOICE BANKING SERVICE

Source: Central 1 (08/14)

Canada’s first-ever authenticated voice banking service using Amazon Alexa, launches from creator Central 1 today. Central 1 clients – Innovation Credit Union and Conexus Credit Union – are piloting the technology that allows customers to use their voice to command actions for their bank accounts, as if Amazon Alexa were a customer service representative. In addition to being cutting-edge, the technology is revolutionary for those who may be either visually impaired, unable to leave their homes or use keyboards or smartphones to conduct their banking.

Customers can make payments, send money to vendors, transfer money between accounts, and better understand their financial wellness with just their voice. Central 1’s smart, conversational user interface pairs hands-free functionality with human-like dialogue interaction, and leverages machine learning and artificial intelligence to continually improve its own accuracy.

“We’re committed to providing our clients with top of the line, cutting edge technology and services,” said Mark Blucher, President & CEO of Central 1. “As an organization at the forefront of fintech innovation in Canada we’re thrilled to showcase our authenticated voice banking solution that, as we continue provide the technology to more clients, will add ease and accessibility to the banking experience.”

“Innovation Credit Union believes that Conversational UI is going to play a significant role in future member interactions, particularly with Millennials and Gen X,” said Dean Gagne, Chief Digital and Technology Officer, Innovation Credit Union. “This is why Innovation has been such a big supporter of this Central 1 initiative”

“At Conexus we are passionate about providing solutions that make a meaningful difference for our members. Banking is no longer a place you go, but a thing you do and this new authenticated voice banking solution, is just that – access anytime and anywhere your Amazon Alexa goes,” said Jeremy Trask, Chief Digital Officer, Conexus Credit Union. “Partnering with Central 1 means



we're able to ensure our member are getting game-changing technology and services that improve banking experiences while never compromising security.”

Central 1's Mobile Banking and Payments team followed best practices in design thinking, customer experience and Lean principles when developing the technology. Development was done in conjunction with Point One Digital, a leading design agency from San Francisco, that was instrumental in developing the Conversational User Interface design strategy.

Contributing to the conversational aspect of the skill is the inclusion of 'Easter eggs.' These added features make Central 1's Amazon Alexa banking engaging and will keep it interesting for users, in addition to providing light-hearted opportunities for including financial wellbeing tips.

Central 1 designed the service to be compatible with Alexa because Amazon Web Services provides a high level of security and flexibility, in addition to the fact that Alexa skills are long standing and highly developer-friendly. The service has high level of authentication and security measures built in, including an industry standard technology OAuth and voice biometrics security measures provided by Amazon.

Innovation and Conexus Credit Unions are launching the Amazon Alexa voice banking service with targeted testing audiences, with plans to release the technology to all members in the fall.

Central 1 is a member of ACT Canada; please visit www.central1.com.

12. RIPPLE SIGNS THREE EXCHANGES TO SUPPORT CROSS-BORDER PAYMENTS AS PILOTS NEAR COMPLETION

Source: Digital Transactions (08/17)

Distributed-ledger payments provider Ripple Labs on Thursday announced three cryptocurrency exchanges that will work with its xRapid cross-border payments product. xRapid uses Ripple's XRP digital currency and depends on exchanges to translate transactions into local fiat currencies.

San Francisco-based Ripple said it is partnering with Bittrex for exchanges to U.S. dollars, Bitso for Mexican pesos, and Coins.ph for Philippine pesos. As an example, Ripple laid out a typical xRapid payments flow from the United States to Mexico. A bank with a Bittrex account can enter a payment in U.S. dollars through xRapid. Through the new connection with Ripple, Bittrex immediately converts the payment into XRP for settlement on the XRP ledger. At this point, Bitso converts the XRP payment into pesos, which are settled into the destination bank account.



“We are excited to be partnering with Ripple to bring the benefits of blockchain technology to cross-border payments, making sending money home more affordable for 10-million-plus overseas Filipino workers,” said Ron Hose, chief executive of Coins.ph, an e-wallet and financial-services company based in Manila, in a statement.

The new arrangements cover important payment corridors at a time when Ripple is preparing to commercialize xRapid, which is designed to minimize the liquidity associated with cross-border transfers. “We’ve seen several successful xRapid pilots already, and as we move the product from beta to production later this year, these exchange partners will allow us to provide financial institutions with the comfort and assurance that their payments will move seamlessly between different currencies,” said Cory Johnson, Ripple’s chief market strategist, in a statement.

Ripple earlier this year indicated findings that xRapid was saving pilot institutions between 40% and 70% on costs imposed by traditional foreign-exchange brokers. Transactions are settled in two minutes or less, Ripple said, versus two to three days using conventional cross-border channels.

In a significant development for xRapid, Fleetcor Technologies Inc. in March launched a pilot that uses XRP. Fleetcor’s Cambridge Global Payments unit is harnessing the xRapid service to provide so-called on-demand liquidity to international trading partners. With instant liquidity, international firms can free up funds they would otherwise tie up in foreign accounts to back real-time payments.

With a total value of \$12.4 billion in circulation, XRP ranks as the third most valuable cryptocurrency after Bitcoin and Ethereum, according to Coinmarketcap.com. But, as with most other cryptocurrencies, XRP has proven particularly volatile in recent weeks. It is now trading at less than half the 69 cents it commanded in early June.

13. TRIP.COM WELCOMES INGENICO ON BOARD TO ACCELERATE INTERNATIONAL GROWTH

Source: Ingenico (08/22)

Ingenico Group announced that it will provide payment processing and consulting services to Trip.com, one of the world’s leading online travel agencies (OTA) and part of the Ctrip Group – the world’s second-largest travel booking company.

Trip.com provides one-stop travel booking services including flights, hotels, trains and cars in 13 different languages. Trip.com offers one of the most extensive flight networks of over 2 million individual flight routes connecting more than 5,000 cities around the globe for international travellers. With 24/7 customer services



available, Trip.com also provides a comprehensive selection of hotels, trains and car services for global travellers to search, book and experience great service seamlessly in one platform.

With Ingenico on board, Trip.com now has access to a large portfolio of local acquiring connections, currencies, payment methods and expertise. Ingenico is a Payment Service Provider with global capabilities and the local experience to optimize performance and user experience in each new market and will help Trip.com provide local acquiring connections to bolster the success rate of online card payments for its members.

Ingenico's multi-acquirer solution automatically reroutes declined payments to a backup acquirer, leading to higher authorization rates for Trip.com while reducing frustration for international consumers. Furthermore, payment experts from Ingenico will work closely with Trip.com to enhance payment acceptance, including conversion optimization and FX management.

We are delighted to be partnering with Ingenico, the global leader in seamless payment," said Lynn Qu, Vice President of Trip.com Global Product. "As Trip.com continues to expand in markets globally, developing the best online travel booking experience for our rapidly growing base of international customers is a key priority. I am confident that Ingenico's expertise in payments, conversion optimization – and experience working with many of the world's top travel and tourism brands – will be invaluable to Trip.com".

"Trip.com is combining a disruptive vision with its state-of-the-art technology and a data-driven approach to grow as a global player," said Gabriel de Montessus, SVP Global Online (Retail BU) for Ingenico Group. "The team intuitively understand the importance of seamless payments for a great overall user experience. With our products, services and global footprint, we are excited to support Trip.com on the next phase of their growth strategy."

"Trip.com is transforming how travellers from all over the world book their inbound and outbound travel products and services. We are very excited to be providing Trip.com with eCommerce solutions and look forward to expanding our partnership in the future to include third-party payment methods as well as in-store 'online to offline' services." added Nathan Salisbury, General Manager of Ingenico ePayments Asia-Pacific.

Ingenico is a member of ACT Canada; please visit www.ingenico.com.



14. WAREHOUSE RETAILER COSTCO IS NOW ACCEPTING 'THE PAYS'

Source: *Digital Transactions* (08/21)

Notoriously picky about which payment forms it accepts, Costco Wholesale Corp. is now accepting Apple Pay, Google Pay, and Samsung Pay in its U.S. stores.

With 519 locations, Issaquah, Wash.-based Costco is the nation's third-largest brick-and-mortar retailer, according to the National Retail Federation. In its warehouse-like stores, it accepts debit cards and Visa credit cards, including its cobranded Anywhere Visa card from Citigroup Inc. The MacRumors blog first reported the new mobile-payment acceptance, which comes after tests in a small number of locations.

Apart from confirming that mobile wallets are now accepted, Costco is saying little about its payment strategy. "We've added additional mobile-payment options to make your next visit more convenient than ever: Costco members can now use Apple Pay, Google Wallet [now Google Pay], and Samsung Pay at U.S. Costco locations," says a brief company statement.

The move "speaks to the increasing demand for mobile payments by consumers," including but not confined to Millennials, says payments researcher Thad Peterson, a senior analyst at Boston-based Aite Group LLC.

Costco's move, however, isn't just about mobile wallets, but also contactless-enabled cards, according to analyst Jordan McKee of 451 Research in Boston. He notes that the Citi-issued Costco card, which doubles as a membership card, supports contactless transactions using near-field communication technology, and that the retailer recently turned on NFC acceptance in its stores.

"It's surprising Costco has waited this long to enable contactless acceptance given their contactless-enabled Citi credit card has been available for more than two years," McKee says by email. "Why a merchant would make a non-trivial investment in dual-interface cards [cards enabled for contact and contactless EMV chip card payments] only to delay contactless acceptance for multiple years is perplexing. What will be interesting to monitor is the extent to which Costco promotes acceptance of 'the Pays' versus its own contactless card."

There's an interesting added twist, too. Because of Costco's exclusive credit card acceptance deal with Visa, which took effect in 2016 when Citi replaced American Express Co. as Costco's cobranded credit card issuer, an Apple Pay user who wants to pay with credit can only use a digitized Visa credit card. A Costco spokesperson would not say if that same policy applies to digital credit card payments with Google Pay and Samsung Pay.



Apple Pay uses smart-phone-based NFC while Google Pay uses a cloud-based NFC variant called host card emulation. Samsung Pay supports phone-based NFC, and also uses magnetic secure transmission, a technology that enables contactless transactions at traditional magnetic-stripe point-of-sale terminals.

Even if Costco isn't taking every payment form the Pays support, mobile and contactless card payments will enable the company to increase throughput at checkout counters, according to Richard K. Crone of San Carlos, Calif.-based Crone Consulting LLC. For many retailers, the coming of EMV chip cards, the vast majority of which are contact-only, over the past three years has slowed payment card transaction speeds compared with the old mag-stripe cards despite network efforts to increase them, according to Crone.

"They [Costco] are a multilane national retailer, they measure the transaction checkout in milliseconds," he says. "This is about increasing store capacity, and getting rid of the EMV bottleneck."

American Express Co is a member of ACT Canada; please visit <https://www.americanexpress.com/canada/>

15. MASTERCARD AND KEYBANK TO TRANSFORM BANKING EXPERIENCE WITH ARTIFICIAL INTELLIGENCE

Source: MasterCard (08/23)

MasterCard and KeyBank announced that the bank will now use MasterCard Decision Intelligence™, a security solution that uses artificial intelligence (AI) to make more informed authorization decisions. This will enable KeyBank to increase the accuracy of real-time approvals of genuine transactions and enhance the overall cardholder experience. This is the first use of AI being implemented in KeyBank's fraud detection services.

"Our renewed relationship with MasterCard, as partners to provide a simple, seamless and secure way to manage money, is another example how we work to help clients make financial progress, one decision at a time," said Jason Rudman, head of KeyBank Consumer Payments and Digital.

Building off its long-term understanding of KeyBank's business and its customers, MasterCard will also collaborate on new product development initiatives to deliver technology and services to build its franchise, capitalize on new opportunities and transform into a client-centric, digital bank.

"We are excited to continue partnering with KeyBank to deliver client-centric solutions and artificial intelligence capabilities beyond card payments," said Raj



Seshadri, president of U.S. issuers, MasterCard. "We are tapping our deep capabilities in data analysis to help KeyBank with fraud detection."

KeyBank and MasterCard renewed their exclusive relationship last year to deliver payment services to the bank's consumer, small business and commercial customers. The 20 year relationship started with KeyBank offering a range of MasterCard-branded debit card options. Joint operations soon expanded to include debit and prepaid transaction processing capabilities from MasterCard Payment Transaction Services, which then paved the way for testing, piloting and achieving production readiness for all KeyBank and MasterCard offerings. Most recently, the two companies seamlessly and successfully converted approximately one million First Niagara customers to KeyBank clients.

MasterCard is a member of ACT Canada; please visit www.mastercard.com.

16. GEMALTO BOOSTS CLOUD SECURITY WITH A SCALABLE VIRTUAL KEY MANAGEMENT SOLUTION

Source: Gemalto (08/07)

Gemalto announced a next-generation key management solution, SafeNet Virtual KeySecure, for simpler and stronger cloud security. Companies can extend their data protection policies to private and public clouds and centralize encryption and key management operations across multiple cloud environments.

SafeNet Virtual KeySecure integrates with leading cloud service providers and virtual platforms such as AWS, Microsoft Azure, Google Cloud Platform, IBM Cloud, VMware, Microsoft Hyper-V and OpenStack, to provide companies with a single key management solution spanning multiple private or public cloud environments.

As a result of the ongoing digital transformation within many organizations, data now resides across a growing number of cloud environments and web applications. Security teams are finding it ever more challenging to manage data protection policies, and solutions are often time-consuming and manual. Data protection operations can be simplified by using SafeNet Virtual KeySecure to uniformly view, control, and administer cryptographic policies and keys for sensitive data. Companies can improve key security and simplify the audit preparation process by retaining ownership and control of encryption keys.

"Businesses need options when it comes to cloud security and shouldn't be limited to working in just one environment. With SafeNet Virtual KeySecure, organizations are able to move more workloads to the cloud and easily monitor the access and movement of their encrypted data," said Todd Moore, senior vice president of Encryption Products at Gemalto. "We are seeing a lot of customers who are interested in taking advantage of the business continuity offered by cloud



environments, without compromising the security of their most critical asset, data. Current KeySecure customers would also be able to benefit from this new platform and we will be sharing details of a clear migration path with them in the near future."

SafeNet Virtual KeySecure offers customers:

- Centralized Key Management: Centralized, efficient auditing of key management offers simplified compliance for cloud environments and consolidates key security policies across multiple, disparate encryption systems, protecting current investments
- Flexibility: Customers can easily deploy flexible, high-availability configurations which are built on the latest industry standards, including containers and microservices, across geographically dispersed data centers or cloud service providers.
- Compatibility: Compatibility with the OASIS Key Management Interoperability Protocol (KMIP) standard provides support for a large, growing partner ecosystem, including the SafeNet Data Protection portfolio which provides customers with a broad spectrum of use cases that can be supported. SafeNet Virtual KeySecure also supports key storage in on-premise hardware security modules (HSMs).

According to Sudesh Kumar, Founder and CEO of Kapalya, Californian-based start-up: "As businesses connect to more devices and cloud platforms, they need solutions that offer security without limiting their potential for innovation. With SafeNet Virtual KeySecure, we're now able to offer the ability to protect data in a seamless and cost-effective way across endpoints, public clouds and private clouds. Businesses should no longer be held back in making full use of the cloud while retaining control of some of their most important assets."

Gemalto is a member of ACT Canada; please visit www.gemalto.com.

17. AIR CANADA CONFIRMS DATA BREACH OF MOBILE APP

Source: *PYMNTS.com (08/29)*

Air Canada, the Canadian airline operator, confirmed to TechCrunch on Wednesday (August 29) that its mobile app suffered a data breach.

According to news from the site, Air Canada said the data breach of its mobile app affected approximately 20,000 people — or about 1 percent of the 1.7 million people who use the app. The company said it detected “unusual log-in behavior” between August 22 and August 24. In an email to customers, Air Canada said hackers may have accessed profile data such as email addresses and phone numbers as well as more sensitive data that users added to their accounts, including passport numbers and expiration dates, passport country of issuance, NEXUS numbers for travelers, gender, dates of birth and in which country they

reside. However, credit card data was not compromised in the breach, Air Canada noted.

The airline isn't the only company to suffer a data breach this year. In April, Sears, the department store, and Delta Air Lines, the airline operator, disclosed that payment information of some customers could have been exposed as part of a data breach at [24]7.ai, a software provider. According to a report in Reuters at the time, [24]7.ai, which provides online support services to Sears and Delta Air Lines, among other firms, informed Sears in the middle of March that the hack resulted in the unauthorized access of credit card information for fewer than 100,000 customers. The hack happened on or around Sept. 26, 2017, and was identified and resolved on Oct. 12.

Meanwhile, Delta Air Lines said only a small number of customers had their data exposed in the compromise. The airline operator noted that personal details on things such as passports, government identifications, security and SkyMiles information was not impacted. Sears said its stores and internal systems were left out of the breach as well. At the time, there was no information on how many customers using the Sears credit card were impacted in the hack.

18. GLOBALONEPAY LAUNCHES EMV-READY MPOS PRODUCT

Source: Mobile Payments Today (08/07)

GlobalOnePay, a division of Pivotal Payments offering global omnichannel payment processing technologies and merchant services, announced the release of its EMV-ready, mobile point-of-sale product, according to a press release.

GlobalOnePay Mobile is intended to deliver an enhanced experience for accepting credit and debit cards on the go and is available on iOS and Android.

GlobalOnePay Mobile features include:

- Support for chip-and-PIN, chip-and-signature, magstripe and manual card entry
- Connects via audio jack or wirelessly via Bluetooth, on iPhone and Android devices
- Ability to email or text receipts to cardholders
- Easily retrieve past receipts for reporting, tax filing or to resend to a customer
- Simple add-on to existing accounts for current clients

"GlobalOnePay's products and services deliver a broad range of omnichannel payment capabilities. We continue to innovate, bringing to market new and better ways for merchants to accept payments online or in person," Craig Ludwig, senior vice president and head of product for GlobalOnePay, said in the release.



Connected directly to GlobalOnePay's proprietary gateway, GlobalOnePay Mobile also enables a full suite of online payment and security features including recurring and subscription billing, tokenization, a robust virtual terminal and integrated transaction reporting.

Pivotal Payments Corporation is a member of ACT Canada; please visit <https://www.pivotalpayments.com/>

19. GOOGLE EXEC: GOOGLE PAY REPRESENTS MORE THAN A REBRANDING

Source: Digital Transactions (08/28)

To outsiders, Google's mobile-payment services have experienced a few identity crises along the way. But the service now known as Google Pay represents much more than a rebranding, according to Jack Connors, the executive who heads commerce and merchant partnerships at Google, the primary subsidiary of Mountain View, Calif.-based Alphabet Inc.

Google Pay debuted in February as the successor to Android Pay, which was named after Google's mobile operating system. Earlier iterations included Google Wallet and Google Checkout, the latter of which debuted in 2006. While some observers poked fun at Google for all the names it has used for its merchant and person-to-person payment services over the years, under the hood Google Pay represents a unification of Google services and will make mobile payments easier and more attractive for merchants and consumers alike, according to Connors.

"In the last year at Google, we've done a lot with Google Pay," Connors said at last week's Mobile Payments Conference in Chicago. "Google Pay is much more than it was a year ago."

In recent months, the payment service expanded to more countries, became available on Apple Inc.'s Safari browser as well as on desktops running Google's Chrome browser, and added a feature to hold transit passes, Connors noted. For online merchants, the new Google Pay more easily moves shoppers from search to checkout. "The world wants a unified, seamless experience at checkout," he said. "The distance between the expression of some demand, the search, and the transaction has to collapse, has to collapse. So Google Pay is a way to give retailers who want to compete the opportunity to do their best equivalent of a one-click checkout."

Google Pay is now the payment channel for anyone with a Google account that accesses such products and services as Gmail, Chrome, YouTube, Google Maps, Waze, and others. He noted that Google Play, the app marketplace for



Android devices, has 1 billion active users. Previous payment procedures didn't make the links among Google products clear, according to Connors.

“If you have a Google account, the good news is that if you add a credit card, you can use that credit card on Google properties, and with Google Pay on non-Google properties.”

Google Pay received additional utility about three weeks ago when capabilities to store tickets and airline boarding passes went live. Whereas a similar feature with Apple's Apple Pay service displays boarding passes with QR codes, Google Pay not only displays QR codes, but also allows the passenger to redeem a pass faster by using near-field communication contactless technology, Connors said.

In the works for Google Pay are enhanced capabilities on desktop computers, improved security through mobile-device authentication, and added person-to-person payment features, including post-purchase bill splitting, according to Connors. Google Pay also could find new uses through the Google Payments application programming interface that enables third-party software developers to integrate payments into smart-speaker systems such as Google Home, messaging, and other services.

20. TRURATING ANNOUNCES EXPANDED PARTNERSHIP WITH VERIFONE TO ENABLE MERCHANTS TO COLLECT CONSUMER INPUT AT THE POINT-OF-SALE

Source: PR Web (08/14)

TruRating announced that a global contract has been signed with Verifone. Merchants using Verifone's next-generation solutions and Verifone Connect will have access to the TruRating application to start listening to and learning from customers.

TruRating's user-friendly POS feedback software app, paired with Verifone, will allow merchants to collect countless consumer ratings. This will help merchants better understand their strengths and weaknesses so they know how to improve their businesses. With responses collected in real-time, actionable knowledge is available faster than ever before. Some merchants have seen as much as an 8 percent revenue increase after implementing TruRating.

“We're very excited to work with a company like Verifone that shares our values when it comes to developing innovative technology with both the consumer and merchant in mind,” said Georgina Nelson, CEO, TruRating. “This partnership will allow thousands of merchants to connect with the customers they don't normally hear from and gain insights to make smarter, more informed business decisions.”



TruRating was launched by Nelson in 2014 to help merchants better understand the “silent majority” of customers who don’t leave feedback. Using the payment terminal at checkout, customers can answer a quick, one-question prompt to easily share their thoughts across a variety of key customer experience metrics, including service, atmosphere and product. This strategy has generated an industry-leading 88 percent response rate and allows merchants to monitor feedback in near real-time.

“We are committed to enabling businesses to do more than accept payments at the POS,” said John Mansfield, VP and GM of Vertical Markets, Verifone. “The retail ecosystem is transforming, and it is important for merchants to drive a deeper level of customer engagement. With TruRating, we are offering merchants better and faster consumer insights to help them grow their businesses.”

With Verifone Connect, merchants can start, run and grow their businesses with a secure and adaptable end-to-end product. Its simplicity is based on a digital experience for onboarding disparate devices, seamlessly integrating payment and non-payment applications with the POS system. The product is highly flexible to changing business needs with apps that can be preloaded onto devices or downloaded from the marketplace. Paired with Verifone’s next generation devices, merchants can manage their businesses and drive revenue by providing personalized, meaningful customer experiences beyond accepting payments.

Now live within the Verifone Connect ecosystem, TruRating is available in North America and will be available in the United Kingdom, Australia and New Zealand by end of 2018.

Verifone is a member of ACT Canada; please visit <https://www.verifone.com/en/us>

21. ICC SOLUTIONS PARTNERS WITH OMNI INTEGRATION

Source: ICC Solutions (05/31)

ICC Solutions, a global leader in the provision of EMV test tools and certification testing services, is delighted to announce a strategic alliance partnership with Omni Integration, a Tier One Payments Solutions Technology Provider.

In a mission to support the test and certification requirements of clients developing and deploying EMV POS solutions, the partnership will focus initially on reselling opportunities of ICC Solutions extensive range of fully qualified EMV level 2 and 3 test tools used to perform type approval and end-to-end payment brand accreditation tests on EMV chip terminals.



The partnership is ideally positioned to offer the test tools and consultancy services necessary to support worldwide EMV migration, in addition to key industry initiatives, such as the introduction of new technologies and payment platforms.

Derek Ross, Head of Sales and Business Development at ICC Solutions, commented: “We very much welcome this new partnership which offers ideal synergy combining the diverse core strengths of both companies, thus enabling exciting new business opportunities for the benefit of both companies’ client bases, as well as the potential to open up new markets.” Omni Integration has aligned this new partnership with its broader payments technology portfolio.

Shawn Usmani, Director of Global Technology, has added, “This new partnership will allow us to deliver on our shared vision of rapid payments technology enablement for our clients and partners by leveraging the extensive technical and certification capabilities between our two groups. We look forward to offering this new combined solution set that will greatly reduce time to market for new and exciting payments initiatives.”

ICC Solutions is a member of ACT Canada; please visit www.iccsolutions.com.

22. AT ITS THREE-YEAR MARK, SAMSUNG PAY CITES 2,000 PARTNERS AND A BILLION-PLUS PAYMENTS

Source: Digital Transactions (08/22)

Samsung Pay launched in South Korea three years ago Monday, and on Tuesday Samsung Electronics Co. Ltd. marked the anniversary by releasing some numbers for the mobile-payments platform.

Widely known as one of three “Pays” that rely on near-field communication technology for in-store transactions (Apple Pay and Google Pay are the other two), Samsung Pay now works with about 2,000 financial institutions spread across 24 geographical markets, its parent company said. Samsung did not release a user count but said the service has processed 1.3 billion transactions since its launch.

“Since we launched Samsung Pay three years ago, we have been dedicated to delivering a mobile wallet platform that is simple, secure, and works almost anywhere,” said DJ Koh, president and chief executive of Samsung’s IT & mobile communications division, in a statement. “And we’re not limiting ourselves to a mobile wallet.”

Koh cited such features as Samsung Rewards and ATM transaction capability, both of which are available in the U.S. market, where Samsung Pay launched a few weeks after the August 2015 launch in South Korea. Samsung has also worked to gain partnerships with other mobile-payment services, including Alipay and WeChat Pay in China and PayPal in the United States. The PayPal



deal, struck in July 2017, gave Samsung Pay entrée to e-commerce merchants through PayPal's Braintree processing unit, and opened a window for PayPal into physical stores by riding in the Samsung Pay wallet.

As with Apple Inc. and Apple Pay, Samsung Pay is available as a feature exclusively on its parent's line of mobile phones. But unlike Apple Pay and Google Pay, Samsung Pay offers the ability to work with conventional mag-stripe terminals in addition to those fitted for NFC. This capability depends on technology called magnetic secure transmission, which Samsung acquired when it bought a mobile-payments startup called LoopPay Inc. early in 2015.

23. MASTERCARD, ENTERSEKT ENABLE ALL-IN-ONE, SCAN-TO-PAY FEATURE IN NEDBANK APP

Mobile Payments Today (08/01)

MasterCard and Entersekt are collaborating to enable Nedbank's customers in South Africa to make QR payments to Masterpass, Pay@, SnapScan and Zapper merchants and billers through the Nedbank Money app, whether they are paying online or at a physical point of presence.

This market-first development, according to a press release, means Nedbank Money users need just one smartphone app for all major domestic scan-to-pay services, representing a combined footprint of more than 100,000 retail points of presence and 800 billers.

MasterCard has, over the past year-and-half, enabled Zapper and SnapScan vendors to accept Masterpass payments and enabled Masterpass merchants to accept Zapper and SnapScan payments.

"The enablement of Masterpass scan-to-pay capability within the Nedbank application represents yet another important milestone in the digital payment convergence journey," Mark Elliott, division president MasterCard Southern Africa, said in the release. "It furthers our goal of driving interoperability across the payments ecosystem, so that consumers can pay securely and conveniently anywhere and with any card from a single app on their smartphones."

MasterCard is a member of ACT Canada; please visit <https://www.mastercard.ca/>



ACT Canada helps members understand complex issues and filter truth from market noise for current and emerging commerce trends. Through a consultative approach with all stakeholder groups, the association provides knowledge and expertise to help members leverage opportunities, confront challenges and advance their businesses. Please visit www.actcda.com or contact our office at 1 (905) 426-6360.

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ACT Canada helps members to:

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Enable - Provide access to the expertise of the member community to gain insights that will help strategic decision-making

Evolve - Drive positive change in the increasingly complex commerce environment