

# PARTNER PAYMENTS SUMMIT

ANY PAYMENT, EVERY POSSIBILITY

28<sup>th</sup> June 2018, Munich





# THANK YOU FOR JOINING US!

*Please Complete Partner Day Feedback Form*

*Opt- in to receive ACI communications*

# Agenda – Morning Session

## Welcome

*Andrew Quartermaine – Vice President of Customer Management*

## Avoid Red Cards – Understanding The Payments Conundrum

*Quintin Stephen – Director, Product Management*

## Live Demos: Enabling Innovation & New Customer Journeys

*John Gessau – Director, Product Management*

## ACI Strategic Roadmap for Partners

*Peter Mödlhammer - Director, Product Management*

## Defend Your Teams' Reputation With Effective Fraud Management

*Jackie Barwell – Director, Product Management*



*Click hyperlinks- jump to the slides you are looking for*

# Agenda – Afternoon Session

## Tackle Global Expansion

*Daniela Reyes – Senior Product Manager*

## Panel: Alternative Payments

*Mastercard | Yandex | PagBrasil | Google Pay*

## Allianz Arena Stadium Tour

## Software Delivery Strategic Update

*Nigel Trueman – Senior Vice President, Product*

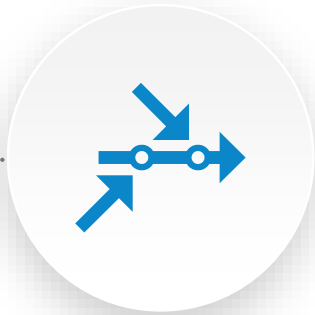
## Close

*Andrew Quartermaine – Vice President of Customer Management*

# Objectives For Today



**ACI's Channel & Solution Strategy**



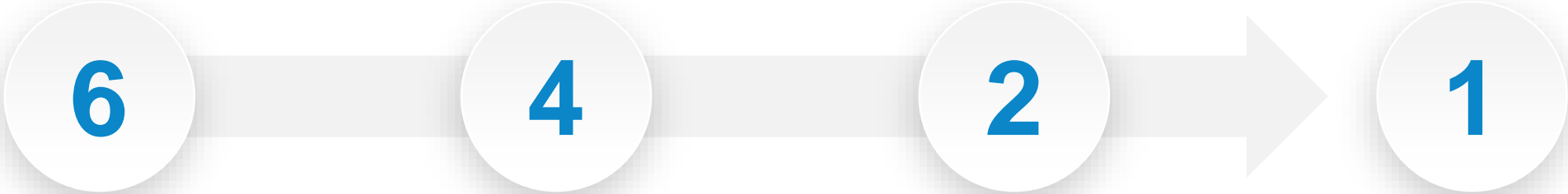
**Strategic Roadmap Insights**



**Networking**

# Our Strategy

ANY PAYMENT,  
EVERY POSSIBILITY.



## SOLUTION AREAS

- Retail payments
- Real-time payments
- Merchant payments
- Bill payments
- Payments intelligence
- Digital channels

## CUSTOMER SEGMENTS

- Banks
- Intermediaries/PSPs
- Corporates
- Merchants

## DEPLOYMENT MODELS

- Cloud and On Premise, around which we have aligned our two P&L financial model

## 1ACI

- Our single intellectual property base, our united employee base, and a focused and singular commitment to our customers

## We Are Serious About Strategic Partners

Currently, **MORE THAN 200 PSPs**, serving more than **60,000 merchants**, are processing more than **1,000,000,000 transactions** per year via ACIs eCommerce platforms.



# Customer Focus – Across All Areas





# Your Starting Line Up



Sabrina



Tobias



BK



Amapola



Kenneth



Anca



Carl

# Avoid Red Cards - Understanding The Payments Conundrum

*Quintin Stephen- Director, Product Management*

# The Payments Paradigm

*Lets look at the forces at play...*

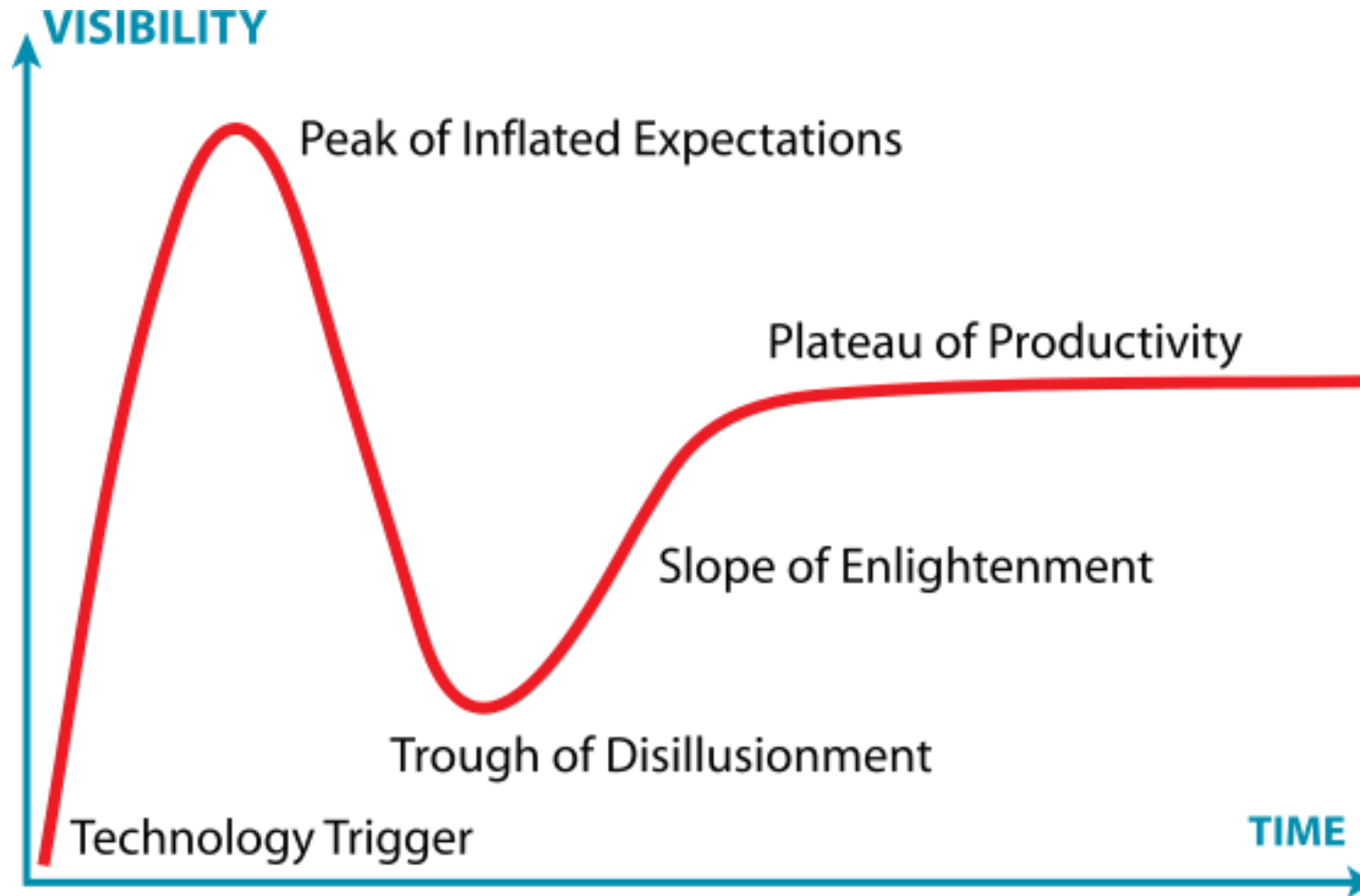




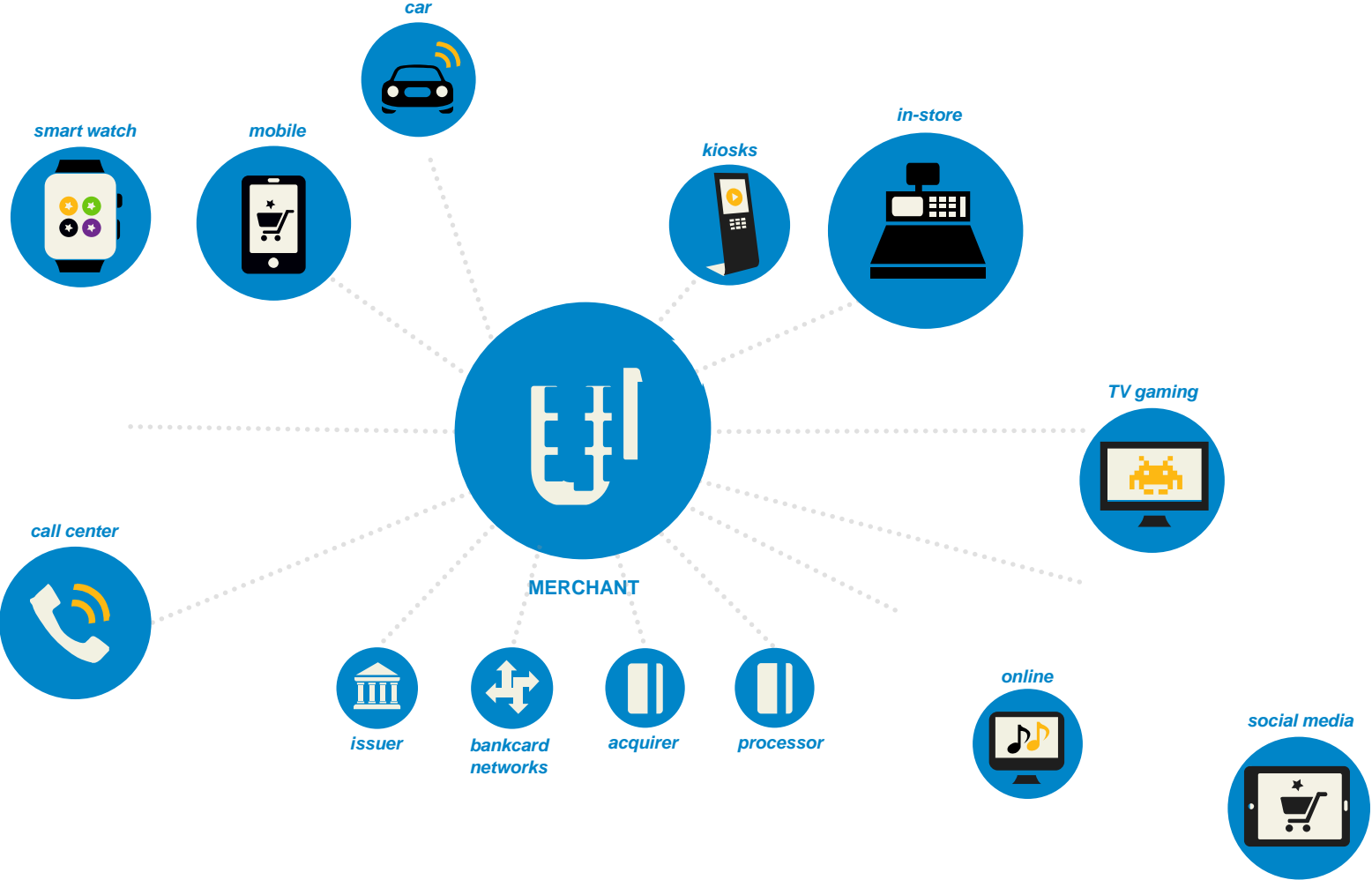
# What's Driving Convenience?

*Customer Experience | Retention | Revenue Growth*

# The Hype Cycle



# Customer Experience: IS Driven Through An Omni-channel Platform



# Impact Of Omni-channel Payments On Consumers



Omni-channel shoppers are more valuable – they spend an average **4%** in-Store And **10%** Online

*Business Insider, January 2017*



**79%** Of Merchants see Seamless cross-channel interaction as key for great customer experience

*Edgar, Dunn & Company 2017*



**69%** of Merchants say data integration is a key challenge for omni-channel strategy implementations

*Edgar, Dunn & Company 2017*



## What are Consumers Saying?

**59%**

will abandon a transaction if their preferred payment method is not in place.

**40%**

of customers expect to be able to pay via contactless in-store and want the option to complete their purchase anywhere on the shop floor.

[First Look to Last Mile...And Back Again](#) Report, KPS

**30%**

of online shoppers have greater confidence in an online shop that has more than one payment method.

Offering the top three payment methods in a market, rather than the top one, can improve the conversion rate by **32%**

# A Trailblazer

## Amazon's first checkout-free grocery store opens on Monday

Using 'just walk out' technology to end queues, Amazon Go fires a warning to the high street



▲ The Amazon Go store in Seattle. Photograph: Elaine Thompson/AP

# A Trailblazer



## Amazon's first checkout-free grocery store opens on Monday

Using 'just walk out' technology to end queues, Amazon Go fires a warning to the high street



▲ The Amazon Go store in Seattle. Photograph: Elaine Thompson/AP



# Balancing Convenience with Compliance and Risk

# Compliance

*Both Mandated and Industry Norms*

- PCI, Implementing Mandates, PSD2 means retailers want to remove the burden from them and looking for Cloud Based solutions.
- Innovate once and deploy everywhere.
- Rapidly respond to change / bring on new payment methods.
- Deliver consistent experience across all channels.



# Risk

*Security and fraud*

- Deliver security, protecting brand reputation across all channels in a Omni-channel world.
- Risk Management that meet Compliance requirements around personal data GDPR.
- Identify and defeat fraudsters as they move across channels and payment types.



# The ACI Response

ANY  ... EVERY POSSIBILITY

Choice

Flexibility

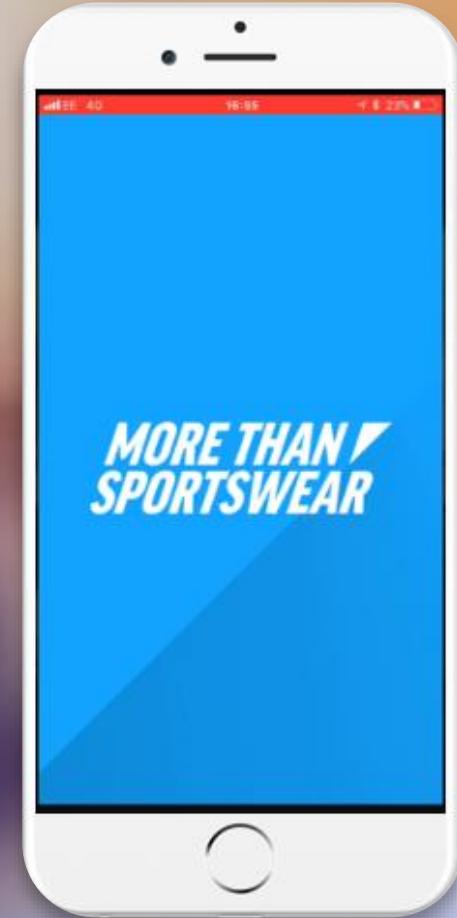
Control





# ENABLING INNOVATION & NEW CUSTOMER JOURNEYS

DEMO

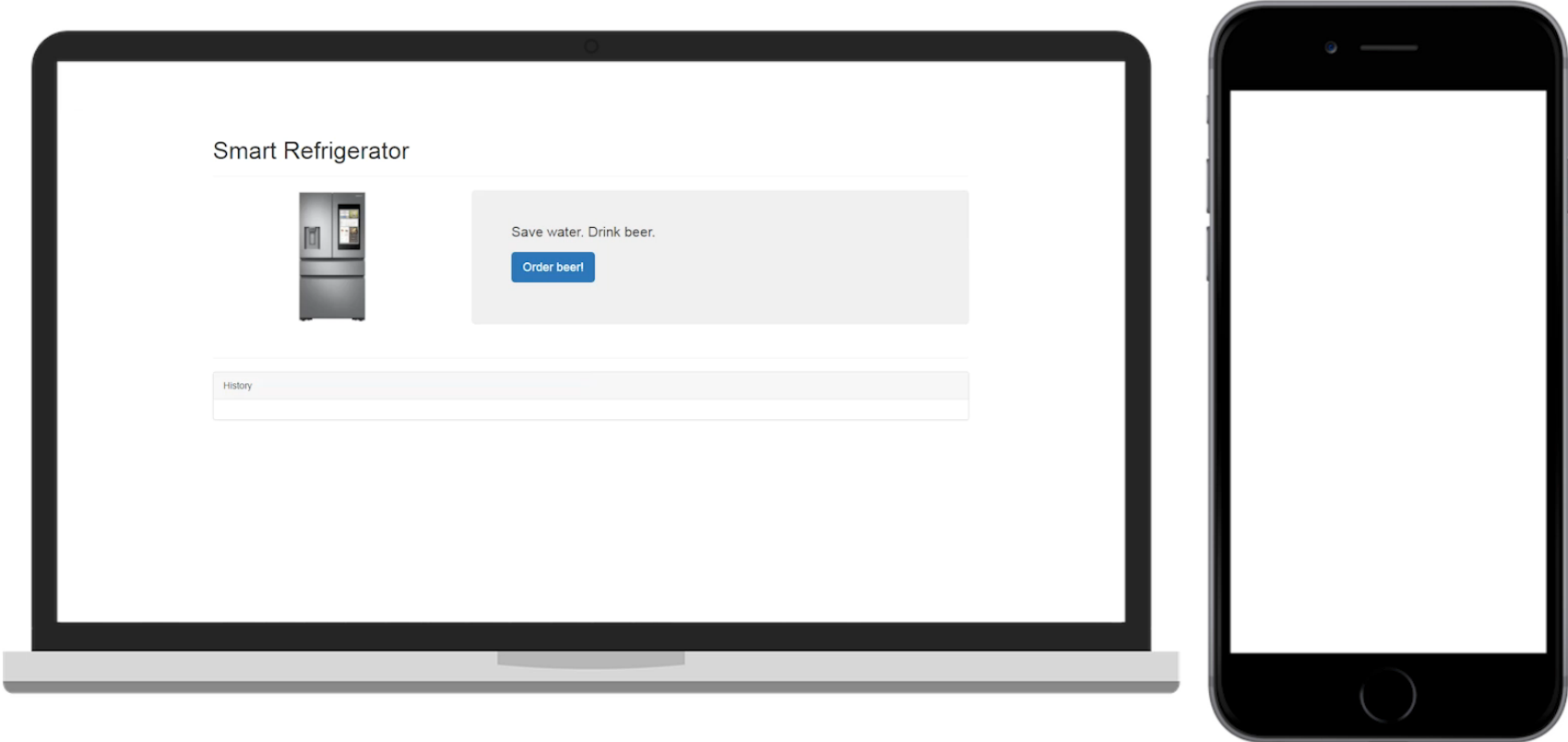


# The Life Of A Connected Consumer



# IoT – The World of Payment Possibilities Demo

*Integrating payments with smart devices*





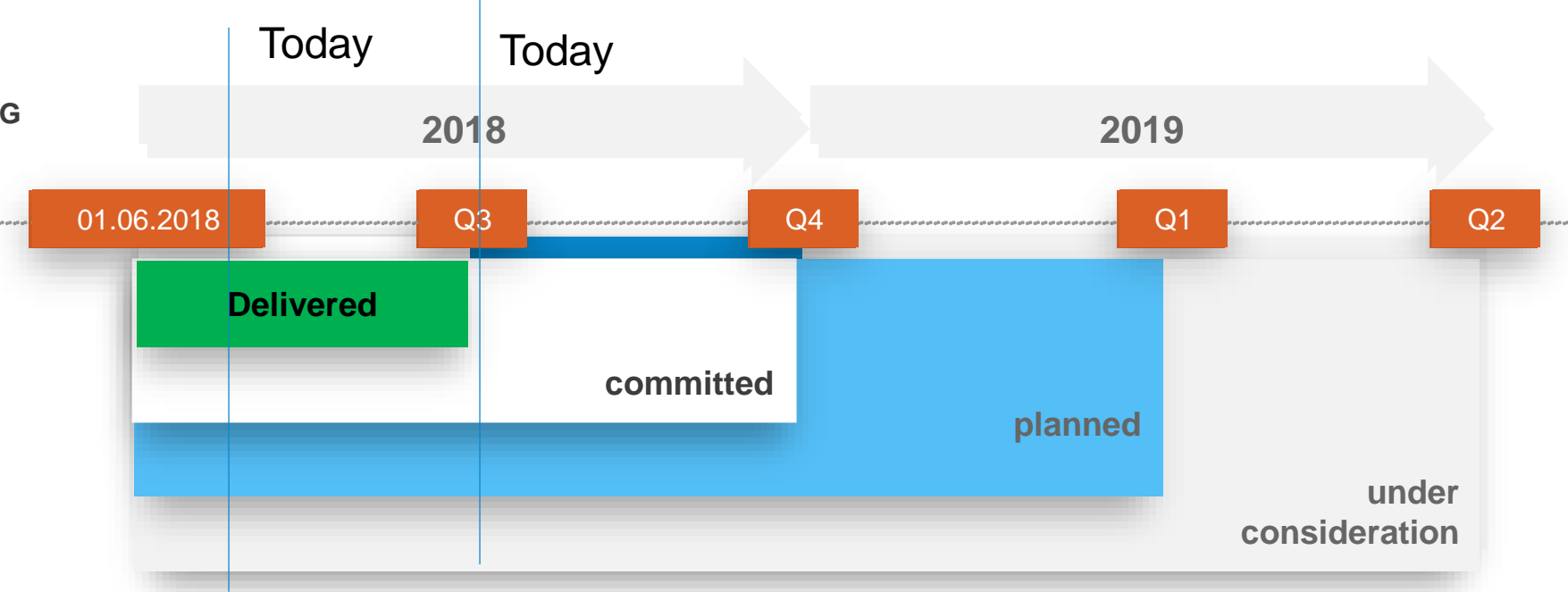
# ACI STRATEGIC ROADMAP FOR PARTNERS

*Peter Mödlhammer- Director, Product Management*

# Roadmap Planning Methodology

## NEXT QUATER DETAILED PLANNING

The sample methodology follows a quarterly pattern and an agile approach .



# H1 UP eCommerce Solution Highlights (1/2)

7 new connectors built

## FEATURE / PRODUCT

## BENEFIT



**2nd Acquirer retry**

- Increase conversion rate



**Apple Pay in Europe  
Web and App**

- Additional payment methods added to mSDK and COPYandPAY







**Google Pay  
Web and App**

- Additional payment methods added to mSDK
- Potentially connecting you to hundreds of millions of consumers

# H1 UP eCommerce Solution Highlights (2/2)

7 new connectors built

FEATURE / PRODUCT	BENEFIT
 <b>GDPR and TLS 1.0, TLS 1.1</b>	<ul style="list-style-type: none"><li>• GDPR enabled</li><li>• TLS 1.0, TLS 1.1 deactivated</li></ul>
 <b>ReD Shield for APMs</b>	<ul style="list-style-type: none"><li>• Access to fraud screen alternative payment methods via ACI ReD Shield</li><li>• Benefit from the ACI ReD Shield consortium data</li></ul>
 <b>Unified Settlement Reporting Module</b>	<ul style="list-style-type: none"><li>• Unified settlement reporting – one file from multiple acquirers and APMs</li></ul>
 <b>Pre-and-Post Authentication Risk Checks</b>	<ul style="list-style-type: none"><li>• Advantage pre and post fraud checks: Combines both scenario and provides the best out of both areas (pre-and post)</li></ul>



# H1 UP eCommerce Solution Highlights (2/2)

7 new connectors built

## FEATURE / PRODUCT

## BENEFIT



**Connect/IN (CC and APM)**

- Payment providers reverse integration to ACI network – fast integration, at your pace



**Dynamic 3DS**

- Reduces risk while providing optimal conversion rate by prompting based on ReD Shield recommendation



**NFR (response time, uptime)**

- 50% reduction on response time & 99.97% uptime year to date



**Update Recurring Payments (Scheduling, Connect/IN)**

- Recurring and subscription payments fully enabled on the platform. Also applies to connectors delivered via Connect/IN.

# Roadmap Key Initiatives

2018 - 2019



## CORE PLATFORM

- Continuous investment in platform scalability, performance and resilience
  - 50% Tx/TPS buffer above peak, 99,99% availability
  - Mandates: PCI, Scheme Mandates, PSD2, Dual branded card



## EXPAND VERTICAL FOCUS

- Gaming, Media and Entertainment
- Travel
- Retail



## KEY MARKETS

- Grow network faster with ConnectIN – globally
- ACI product integration
- Top 50 Connector Operational Excellence (next 25 in 2018)
- Growing global connector network by 20 additional connections

# Roadmap Key Initiatives

2018 - 2019



## VALUE ADDED SERVICES

- Alternative payment acquiring (collecting) – through partners
- Smart dynamic routing – 2<sup>nd</sup> acquirer retry (phase 2)
- 3DS 2.0
- Settlement Reporting Module – including Reconciliation
- Account updater
- DCC



## OPEN PAYMENT ACCEPTANCE

- Enhanced mobile capabilities for inApp, inStore and IoT
- Partnerships with enterprise shop platforms
- Fully integrated in-store developer portal (mPOS)



## OMNI-CHANNEL MPOS SOLUTION

- Provide fully integrated, omni-channel, payments & fraud prevention platform
  - Integrated terminal management
  - Out of the box PED distribution

# Thank You

# DEFEND YOUR TEAMS REPUTATION WITH EFFECTIVE FRAUD MANAGEMENT

*Jackie Barwell – Director, Product Management*



# The Unhappy Marriage Between Major Sporting Events And Fraud...

- 1 in 4 WIFI spots used by tourists in the host country were highly vulnerable to cyber attacks
- Growth in malicious URLs of 83% in the host country compared to a 16% growth in the rest of the world
- Globally, phishing was up by 76% in the 3 months running up to the games'



# “37 Scams To Avoid in Russia During 2018 FIFA World Cup”

- **ATM Skimmers in Moscow and St. Petersburg**
- Money Drop in Moscow
- **2018 FIFA World Cup Tickets: Official Partner Contest**
- **Russian Visa Application Form**
- **Playing Street Soccer With Locals**
- Shell Game
- Travel Medical Insurance: Russia
- Currency Changer in Russia
- **Found Your Wallet in Moscow**
- **Luggage Storage Robbery**
- Being Picked Up From Airport
- Fake Arrest
- Broken Item Compensation
- Public Phone Trap
- **Patio Pick-Pocketing aka The Key Tossing**
- Filling Up At The Gas Station
- iPhone 8 and iPhone X For Sale
- Fake Tourist in Airport
- **Bogus Travel Agencies**
- **Wi-Fi Login in Russia**
- **Bird Poop Cleaning**
- **Credit Card Payment In Stores**
- Rubles Conversion
- Dynamic Currency Conversion
- **Mute or Deaf Panhandlers**
- Feed The Birds
- Getting Lost
- Gold Ring Sale
- **Internet Café Banking in Russia**
- Jewellery From Russian Factory
- Trap Night Clubs in Moscow and St. Petersburg
- Public Beach in Sochi
- Non-Profit Shop For Your Souvenirs
- Out of Stock Trick
- Robbed Tourist in Russia
- Short Change
- **Wallet Drop**



# Keeping Your eCommerce Merchants Safe

## Stay flexible, monitor your transactions and adjust strategies – especially for the host country:

- Expect change in consumer behaviour in a short period of time
  - Higher amount spent by card
  - Higher number of transactions per card
- Velocities will go up, mismatches between IP geolocation and card issuing country will go up

## eCommerce spend emanating from the host Country becomes 3 times riskier during the event:

- Merchants at risk include the travel and hospitality space
- IP geolocation analysis is especially important

## Be vigilant to the use of event-driven harvesting of card details:

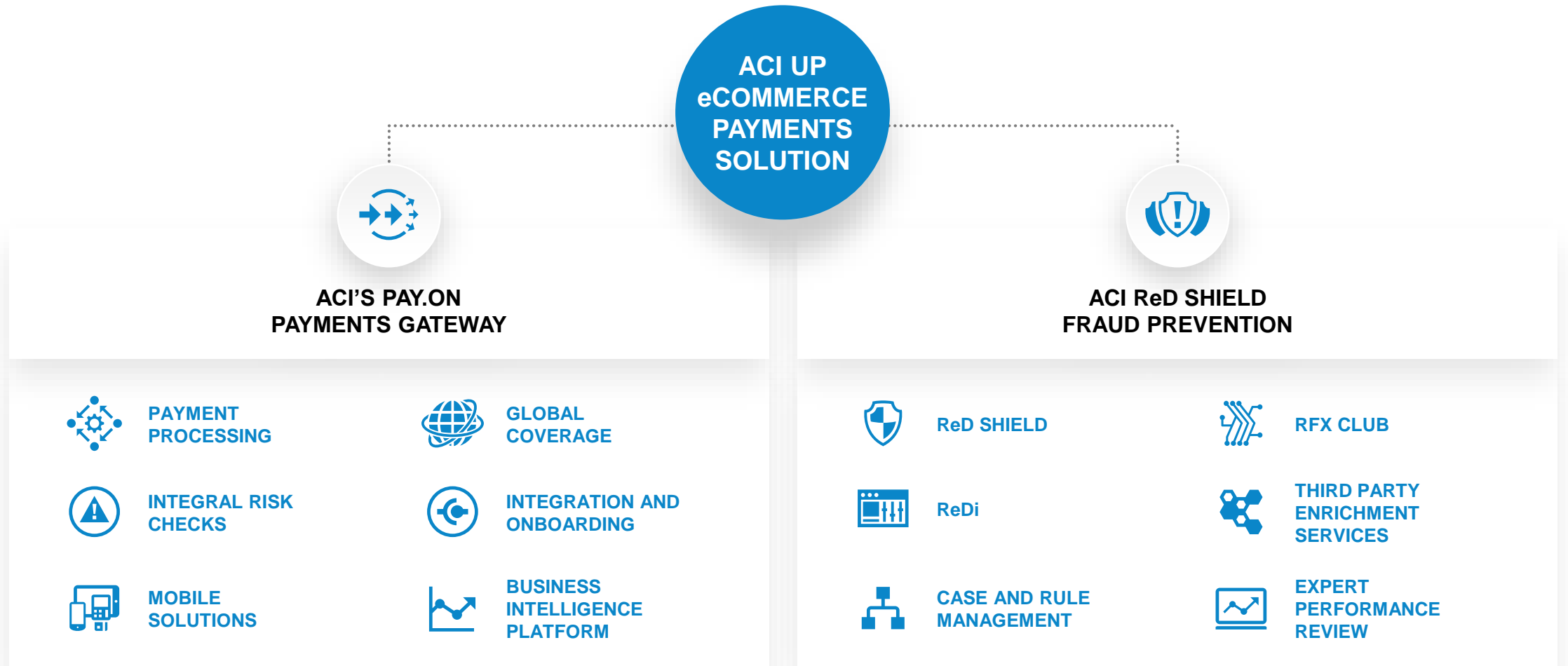
- Be aware of the increase in compromised data available on the criminal marketplace
- Be especially vigilant for cross border activity post world cup.

## Look for the new ‘normal’:

- Modify risk strategies as you spot fraud patterns
- New ‘normal’ could include purchasing of memorabilia, last minute hotels and flights

# UP eCommerce Payments – Fraud Plus Gateway







Easy integration, intelligent business analytics, best global network with world-class fraud prevention



# ACI ReD Shield® Environment

## CORE CAPABILITIES

Real Time (Accept, Challenge or Deny)	Unlimited Multi-Dimensional Rules	PRISM Neural Modeling	Stream Analytics – Positive Profiling	ACI Consortium Database	Underground Databases	Device Authentication & IP Geolocation	Rule Testing - Silent	Tieback	Enhanced Responses & RCF
Case & Rule Management	Link Analysis	Auto Analyst	Fuzzy Matching & Pattern Detection	Third-Party Callouts and Links	Silent Profiling Rules	Sub-Clients/ Channels	Autopilot/ Click & Block	TACMODS	Custom Lists & IF Rules

ReD Shield	ReDi CSI Case Manager	ReDi Outsource Review	RFX Club ReDi	RFX Club CB Representation	ACI Expert Performance Reviews
Effective Rules	Effective Team Track KPIs	Spot Anomalies	Fraud Trends Data Proofing	Retrospective Screening	Full Strategy Overview
 <b>REAL-TIME</b>	 <b>4 MINS-1 HOUR</b>	 <b>1-24 HOURS</b>	 <b>1-72 HOURS</b>	 <b>1-10 DAYS</b>	 <b>30 DAYS +</b>


# Stream Analytics Engine's Positive Profiling


Screening the customer – not the transaction


 <p><b>Single merchant transaction profiling can be limiting — often lacking critical customer data</b></p> <ul style="list-style-type: none"><li>• High-risk product</li><li>• Next-day delivery</li><li>• Nonsense disposable email</li><li>• U.S. BIN</li><li>• Address IP mismatch</li><li>• No history of customer</li></ul>	 <p><b>Global consortium customer data provides better insights for conversions and fraud management</b></p> <ul style="list-style-type: none"><li>• Global history</li><li>• 300 days history</li><li>• Same card</li><li>• Same email</li><li>• Same telephone</li><li>• No chargebacks or fraud</li></ul>
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## Why Is Positive Profiling a Game Changer?


Merchant and Customer Benefits

- 

Increased Conversions
- 

Reduced Fraud and Chargebacks
- 

Reduced Friction
- 

Superior Omni-Channel Experience
- 

Stronger Customer Relationships

# Stream Analytics Engine in Action: Customer Results



## **\$245K worth of additional accepted transactions**

The use of positive profiling during the 2017 season peak would have improved approval rates by 59% resulting in \$245K worth of additional accepted transactions each month and \$100K in fraud savings.

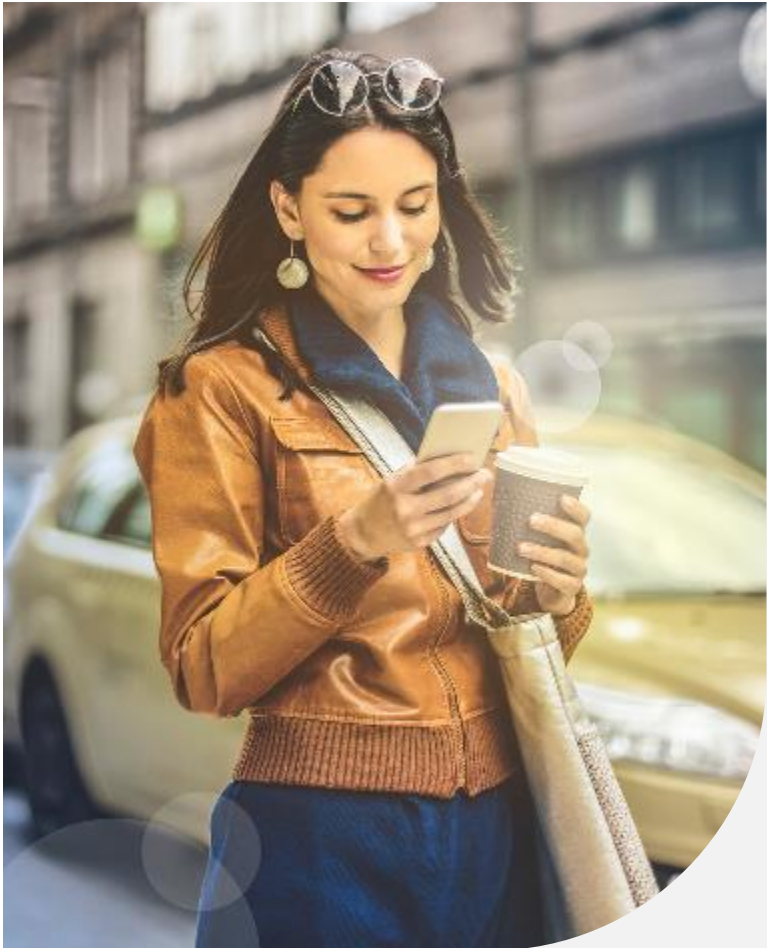


## **Increased revenue by €200K per week**

Applying the positive profiling capability to its five top rules, the decline rate for this client would have been reduced by almost 50% – increasing revenue by EUR200K per week.



# Stream Analytics Engine in Action: Customer Results



## Increased revenue of \$55K per month

By applying positive profiling to an existing rule, this client would improve its decline rate by 8%, resulting in increased revenue of \$55K per month.



## £348k more per month in transactions

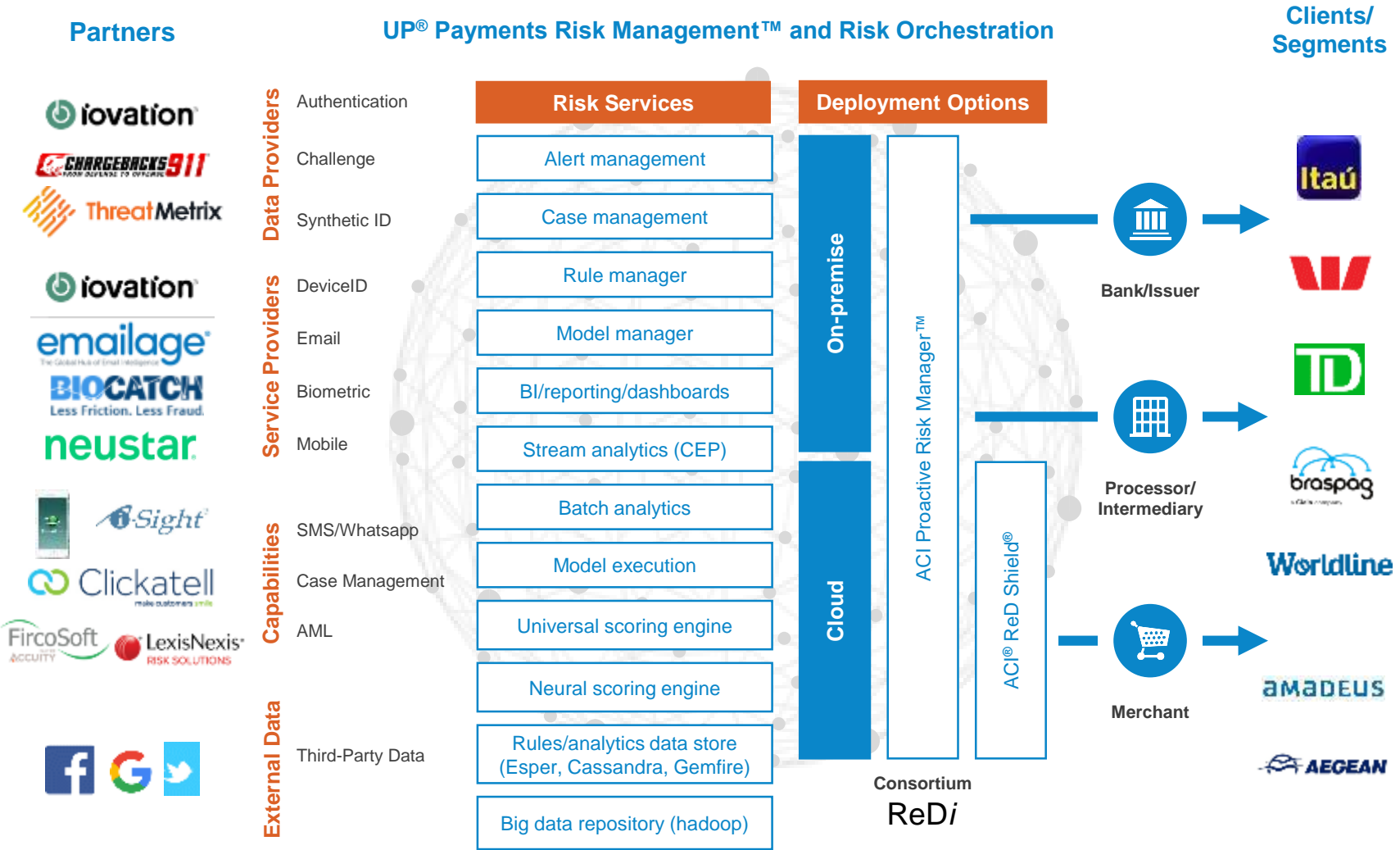
Using the Global Time on File Profile indicator, this client would have accepted around £348k more per month in transactions.



## £2,190,326 in additional transaction value

Applying positive profiling, this clients top six hitting rules resulted in 4,427 fewer challenged transactions, of which 3,264 would have been declined. Accepting these declined transactions would have yielded £2,190,326 in additional transaction value.

# ACI Fraud Ecosystem



# Machine Learning

Artificial Intelligence to enrich analysis and increase assertiveness

## Neural Models

*PRISM and TacMods*



Neural Models build by ACI Data Scientists team. focused and specialized per vertical, geography or customer

## USE

*Universal Scoring Engine*



3<sup>rd</sup> Party or customer built PMML models, which can be adapted to the unique needs of your organization

## Others

*Supplementary Score Engines from 3<sup>rd</sup> Party*



3<sup>rd</sup> Party scoring engines with 3<sup>rd</sup> party models can be orchestrated to support risk qualification

**Flexibility to use third party scores or plug-ins**

# Thank You

# Lunch | Networking (1 hour)

The afternoon session will start at 14:15pm



# Meet Our Connector Partners



# Agenda – Afternoon Session

## **Tackle Global Expansion**

*Daniela Reyes – Senior Product Manager*

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## **Panel: Alternative Payments**

*Mastercard | Yandex | PagBrasil | Google Pay*

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## **Allianz Arena Stadium Tour**

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## **Software Delivery Strategic Update**

*Nigel Trueman – Senior Vice President, Product*

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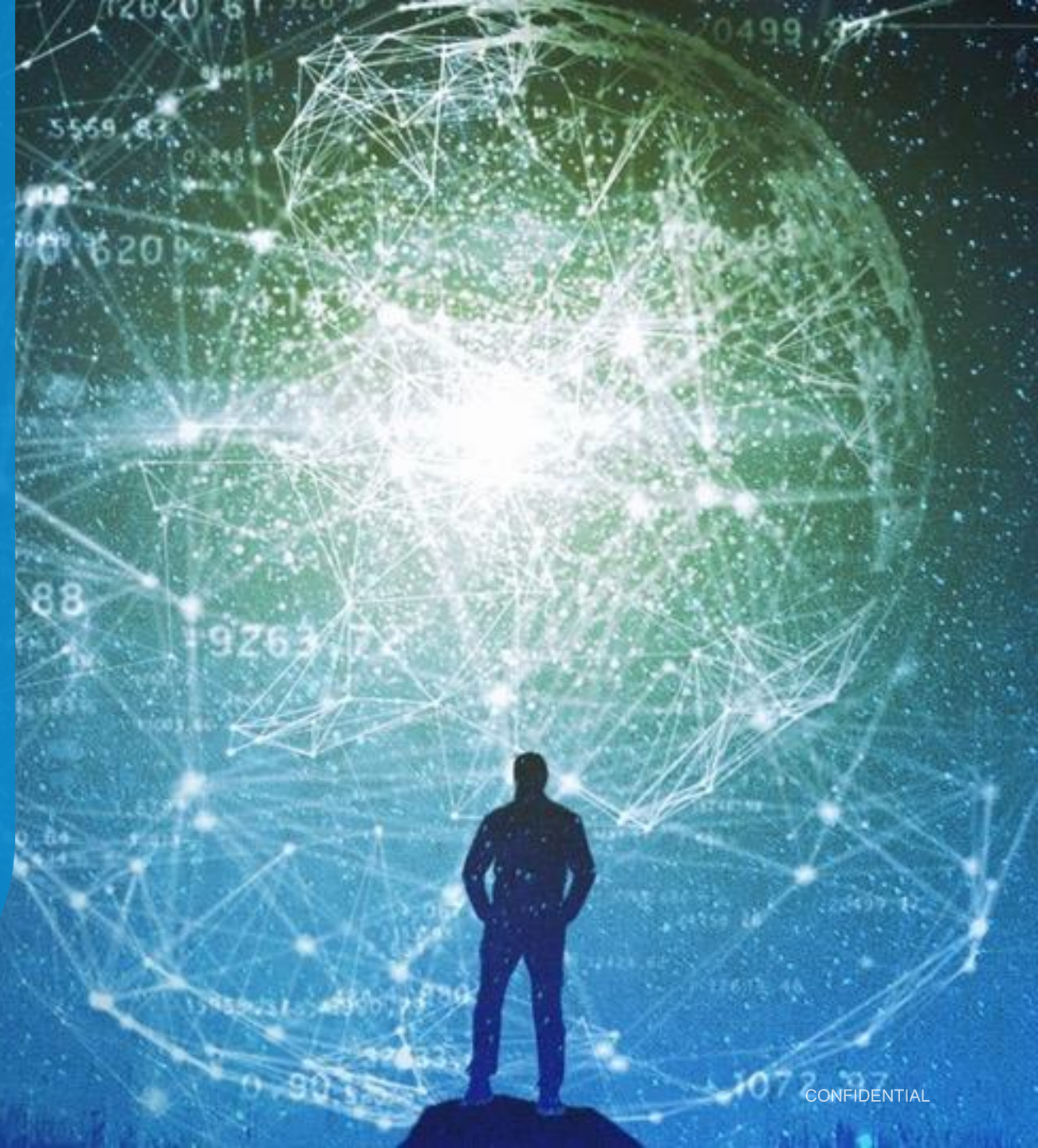
## **Close**

*Andrew Quartermaine – Vice President of Customer Management*

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# TACKLING GLOBAL EXPANSION

**Daniela Reyes**  
Senior Product Manager



# ACI UP eCommerce Payment Solution

**Global Coverage Payment Network**

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**Global Coverage Redefined**

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**Operational Excellence**

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**Global Coverage Market Insights**

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**ConnectIN New Concept**

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**Success Story: Allpago**



# Challenge: eCommerce Payments Complexity

Variety of challenges: languages, currencies, compliance, regulatory and mandates



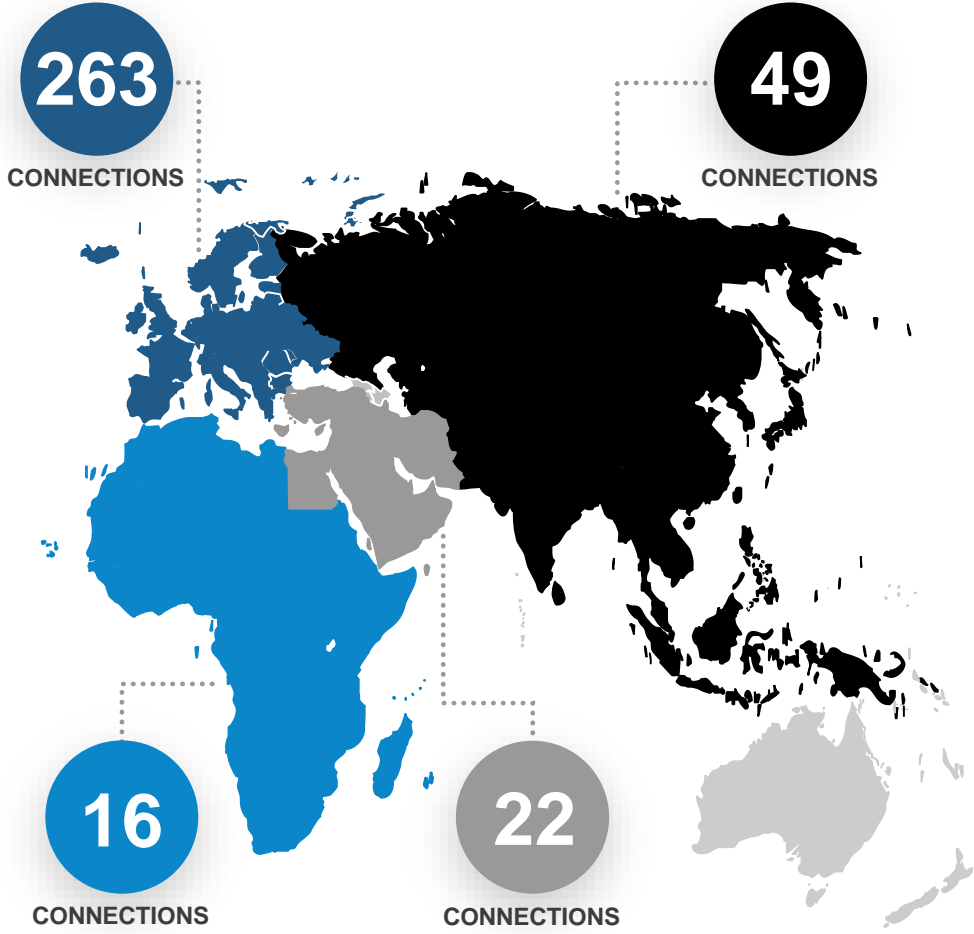


# Global Coverage

One of the largest number of connections to APMs and Acquirers

### ACQUIRERS

### ALTERNATIVE PAYMENT METHODS



# Global Payments Network – Expansion 2018

Preview of 2018 pipeline

		Q1		Q2		Q3		Q4		
NEW CONNECTORS		dLocal New Card & APM Brands (23 new brands)		Limonetik Settlement	Paygent Settlement	Fraud.net	Lloyds MSIP	Nedbank via Postilion	Paypal Braintree	
		P24 new API	Ikano Open Invoice	Vantiv Settlement	INICIS	First Data MSIP	Poli	HSBC Omnipay	JCB	
		Paygent APM	Societe General	ConnectIN	MADA via Postillion	First Data Compass new API		UnionPay Direct Scheme		
		Worldpay Streamline	Cielo Cards	Datafast	Oney	Facilipay	Primeiro Pay	Mastercard New API Phase II	UPF	
		INICIS	Societe General	Allpago	PROSA	Fivory	PagBrasil	GetNet	Mastercard New API Phase I	
		BNP Paribas	Chinapay domestic	Vantiv Google Pay	EvoSnap Mexico	First Data Compass Level 3	Catella	Trustpay	Cardinal update	CashU
CONNECTOR UPDATES		Operational Excellence	EMS BCMC	Card on file mandates	Operational Excellence	Trustly	Qiwi	Discover	Payvision 2	Sepa
		PayPal	Vantiv	First Data	Paydirekt	BlueSnap	Operational Excellence	South African banks (6)	Valitor	Rede
		Vantiv Apple Pay	Alipay domestic	Trustly	Giropay	Chase	Barclays	Operational Excellence	Klarna/Sofort	
		ECP Omnipay Update	EMS bcmc refunds	lyzico	Yandex	RBI	Elavon			

# Operational Excellence

Tackling latest APIs and mandates globally

## Vision

**Top 125** connections enhanced with standard feature suite by **2020**

### How ACI selects OE candidates

1. Strategic/Trendy
2. Customer Demand
3. Customer Support
4. Current Volume

### ACI Staying Ahead

- Trends
- Latest features available
- New APIs
- Compliance/mandates



# Global Coverage Restructuring

*Redefining Status of a Connector to reflect the ACI feature suite in a transparent manner*

## Previous status

1. Live
2. Connected please inquire
3. Available Upon Request

## New status

1. Live:
  - Enhanced Feature Suite
  - Standard Feature Suite
  - Limited Feature Suite
2. Implemented: please request to test

# Global Coverage Restructuring

Redefining Status of a Connector to reflect the ACI feature suite in a transparent manner

Status:  
LIVE

## EUROPEAN MERCHANT SERVICES (EMS)

LIVE

Standard implementation feature suite

Located in Netherlands 

 Mastercard (Credit Card)	Coverage in 19 countries 
 Visa (Credit Card)	Coverage in 19 countries 
 Bancontact (Debit Card)	Coverage in Belgium
 Maestro (Debit Card)	Coverage in 19 countries 
 Visa Debit (Debit Card)	Coverage in 19 countries 
 Visa Electron (Debit Card)	Coverage in 19 countries 
 VPay (Debit Card)	Coverage in 19 countries 



# Global Coverage Restructuring

Redefining Status of a Connector to reflect the ACI feature suite in a transparent manner

Status:  
Implemented.  
Sign up for testing

## EUROPEAN MERCHANT SERVICES (EMS)

Implemented, sign up for testing

Located in Netherlands 

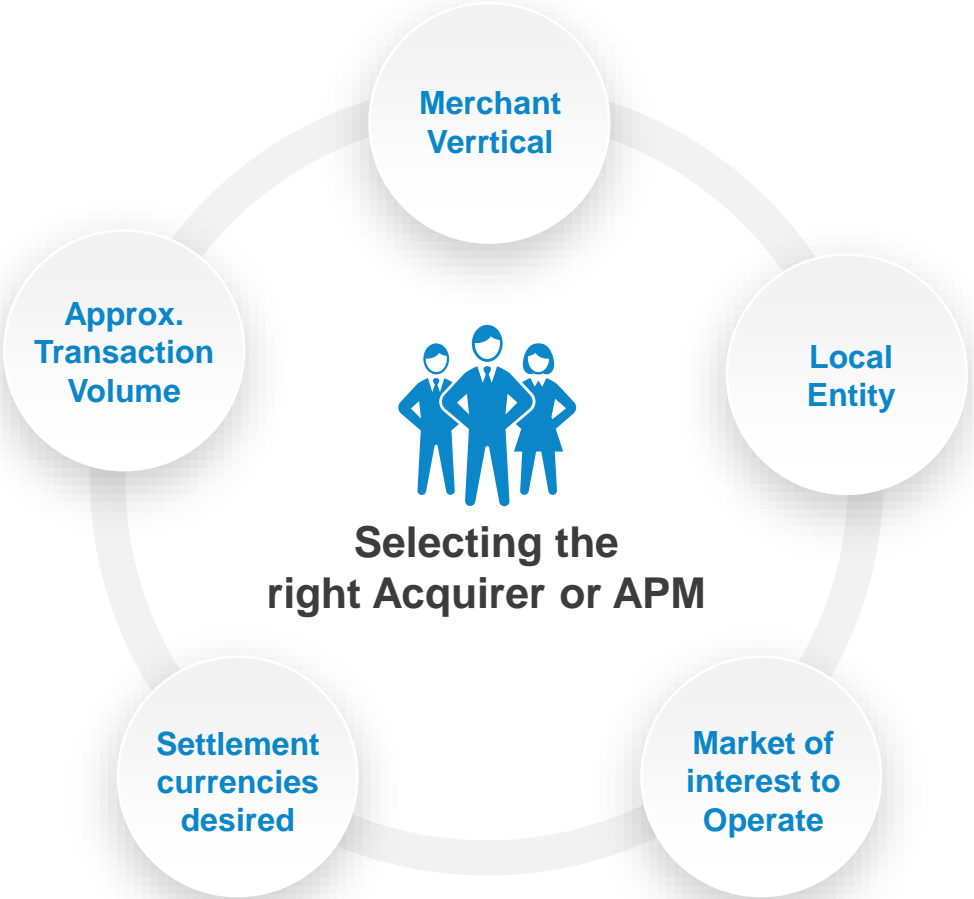
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 Bancontact (Debit Card)	Coverage in Belgium
 Maestro (Debit Card)	Coverage in 19 countries 
 Visa Debit (Debit Card)	Coverage in 19 countries 
 Visa Electron (Debit Card)	Coverage in 19 countries 
 VPay (Debit Card)	Coverage in 19 countries 

A woman with long dark hair, wearing a brown leather jacket over a blue scarf and large hoop earrings, is looking down at her smartphone. She is holding a coffee cup and a shopping bag. The background is a blurred city street with buildings and a car. The entire image has a blue overlay.

# Accelerating Your Business

# How To Choose An Existing Connector

*How to choose the perfect connector match for merchants*



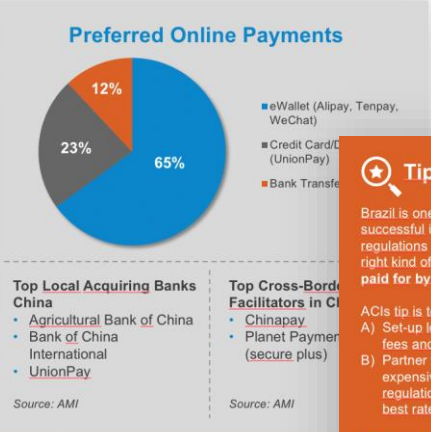
Find existing connectors on our [Global Coverage Portal](#)

# Market Insights – Coming Soon!

**Tip:**  
To maximize conversion rates, ACI recommends to offer Alipay, Tenpay, Wechat and Unionpay as payment methods.

eWallets play a key role in China and credit cards schemes (ex. UnionPay) are set to increase 20% by 2019. UnionPay is the largest credit card scheme increasing in popularity.

Local entity to sell to Chinese shoppers is not required, however if you would like to receive your settlement in RMB/CNY, then entity is required.



China

**Tip:**  
Brazil is one of the most complicated markets to be successful in. Many reasons is due to local tax regulations changing and merchants not offering the right kind of payment method. **80% of payments are paid for by installments.**

ACIs tip is to either:  
A) Set-up local entity in Brazil to avoid interchange fees and higher tax fees  
B) Partner with a local payment facilitator (more expensive) but track and monitor the latest tax regulations and keep merchants up-to-date with best rates

**Cross-border sales represent only 18% of all e-commerce in Brazil. Without a local processing strategy, merchants forfeit access to \$21 bn addressable market**

It is crucial to offer installments via Boletos and local cards in Brazil (ex. Elo and Hipercard). To offer installments, local entity is required.

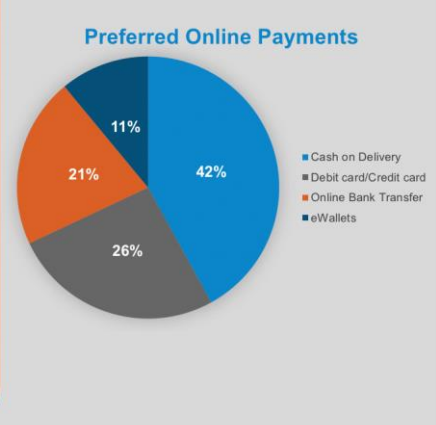


Brazil

**Tip:**  
Online banking and local debit card scheme, RuPay, is a must in this market. Due to India being traditionally known for low card penetration, APMs is key here as well. ACI sees a trend of cash on delivery and eWallets being requested including Oxigen and CitrusPay.

**Entering Indian Market:**

- Local entity is required due to local RBI regulations
- 3D secure is highly recommended (one of the few markets where it has a positive impact) and a must for domestic processing
- Online banking and debit cards are a must (especially for retail)



India



# CONNECT *IN*

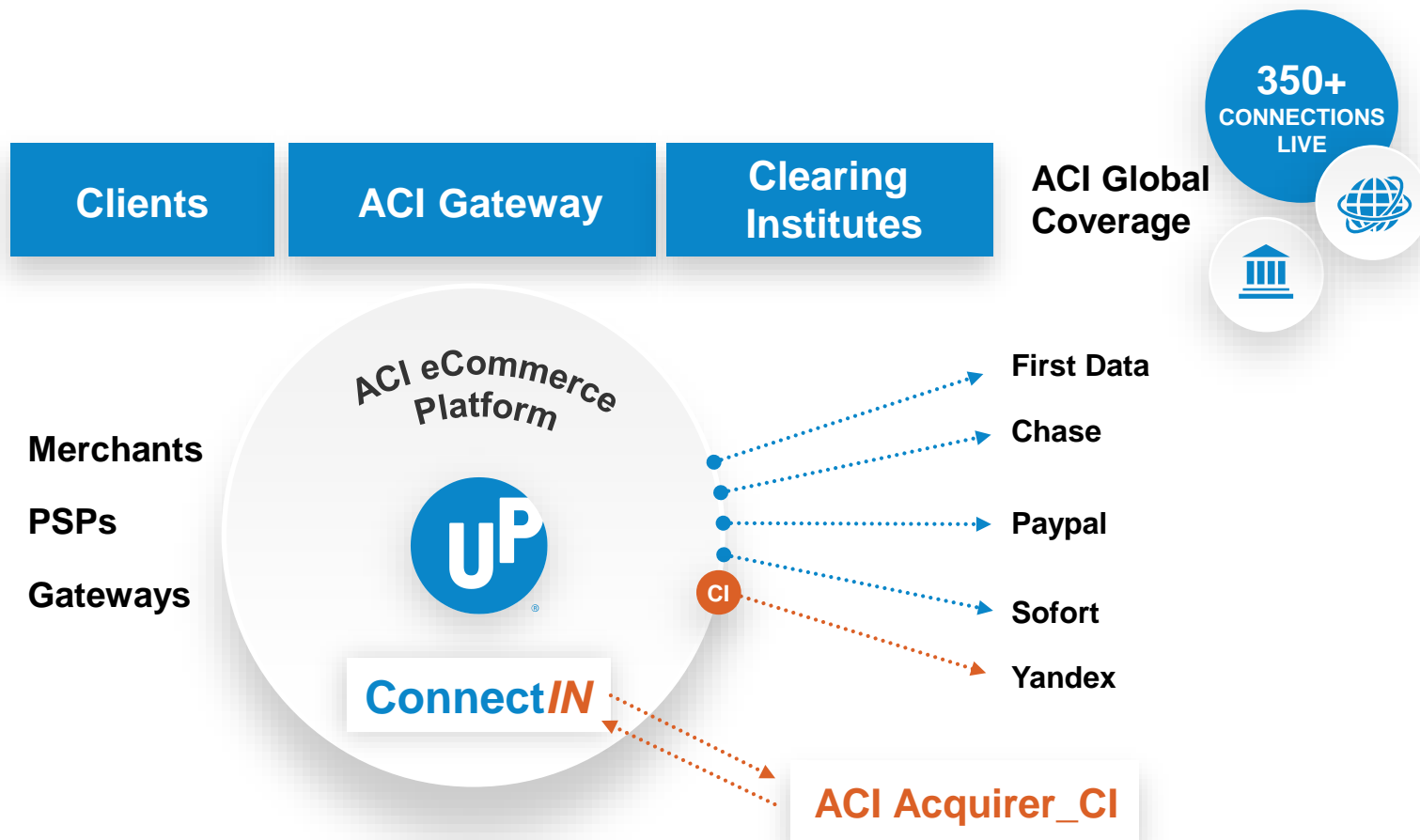




# New Alternative- ACI Connector Network

Payment Providers Plug into Us

- Enable payment providers to become part of the ACI network by reverse integrating



# API Specs, Integration Guides, and Documentation

ACI UNIVERSAL PAYMENTS.

**Docs.Oppwa Documents in Progress**

**ConnectIn Integration Guide**

**Request**

More details here...

**Shopper redirection and status notification**

For redirection workflows, where the shopper is sent to an external page to make the shopper should be redirected to after payment is made (or attempted).

In this case there are two methods to notify us of the status of the payment attempt:

1. Pass the status with the redirection as a querystring parameter status.
2. Send a separate asynchronous notification with the status

**Passing the status with the shopper redirection**

The shopperResultUrl has the format https://(test.)ppipe.net/connector/{method}&id={uid}.

To inform us of the status at the same time as redirecting the shopper you should a

ACI UNIVERSAL PAYMENTS.

**UP**

**Knowledge Base Documents in Progress**

**Set up the Merchant Account**

Name (Merchant Account)  
UCONNECT PLACEHOLDER

State

Live **Process all transactions.**  Test **Process only test transactions.**

Merchant Account (UCONNECT PLACEHOLDER)

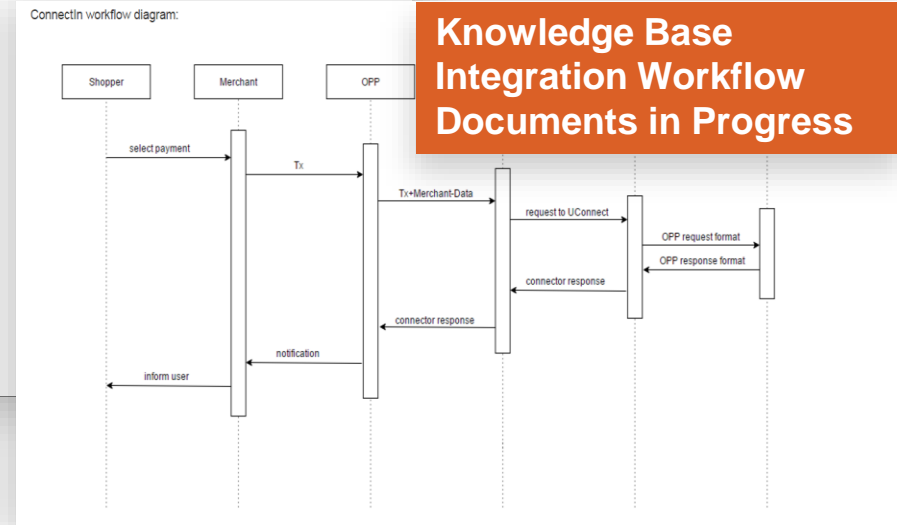
Clearing Institute: UCONNECT TEST

Merchant Category: None

Custom data: custom data

**UserId: 88629417457ecb28814b59**

**Password: sy6i:3sT8**



# Success Story

*Presenter: Philipp Bock, CEO*



**20** connectors in  
**6 months!**

# Panel Discussion: Alternative Payments

**Lucyna Janas**

Business Development

*Google Pay*



**Kate Mikheeva**

Business Development

*Yandex*



**Ralf Germer**

CEO

*PagBrasil*



**Debbie Crawford**

Vice President  
Business Development

*Mastercard*





# Allianz Arena

*Stadium Tour (1 hour)*



# SOFTWARE DELIVERY STRATEGIC UPDATE

Nigel Trueman- SVP Product Management

ANY PAYMENT,  
**EVERY POSSIBILITY.™**

# Go Forward Plan

## CORE ENHANCEMENTS

Significant Improvements for NFRs such as Availability, Capacity, Serviceability and Security

## INCREASE RESOURCE

Resource increased by 90% since 2015, further increases already committed for 2018

## CONNECT<sup>IN</sup>

Provide flexible approach for connector development

## CONNECTOR REUSE

Leverage what is already available.

## ENDPOINT FACTORY

Portfolio-wide approach for connector sharing and reuse.



# Mission-Critical, Payments-Grade Software

*Trust ACI to deliver non-functional requirements you can rely on*



## Capacity

End-to-end concurrent payment processing with high reliability and predictable resource consumption



## Availability

Accepting and processing payments all the time



## Serviceability

Skilful management practices, processes and systems resulting in an operationally excellent and scalable enterprise



## Scalability

Cost to operate per transaction is consistent regardless of scale



## Security

Authenticating, authorizing and auditing all interactions in the end-to-end payments ecosystem



## Globality

The ability to work with existing and new payment networks all around the world with ever-decreasing cost

# 1. Core Enhancements

*Non-functional requirements are at the core of ACI's aspirations*



## AVAILABILITY & SCALABILITY

- Disaster Recover Site with production alike capacity
- New Data Center with state-of-the-art technology stack
- Failover improvements with Automated-Hot-Standby (Planned Oct 18)



## CAPACITY & SERVICEABILITY

- Significant increase in peak TPS capacity
- 3 times reduction in average internal processing time
- Containerized Continuous Integration for OPP/APIs.



## SECURITY

- New Vault infrastructure
- Static Scanning with Checkmarx
- License Scanning with BlackDuck Hub

## 2. Increase Resource

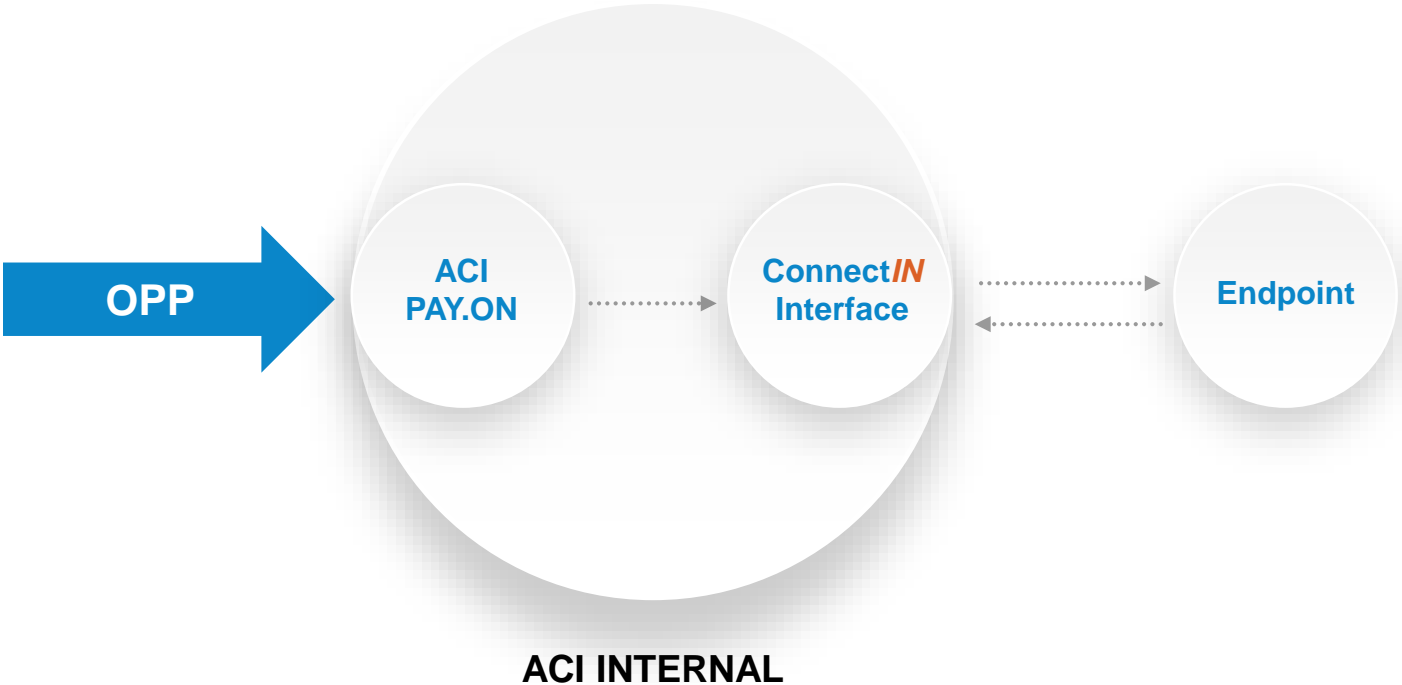


- Since acquisition in 2015 headcount in the PAY.ON development & engineering team has increased by 90%
- Additional funding allocated to scale up development resources immediately
  - 7 new hires planned by August dedicated to connector development and enhancements
- Additional funding to support adoption of Connect/IN – awaiting approval
- Planning for 2019 almost doubles all effort in connector development



# 3. Connect/IN

A new product feature to enhance endpoint delivery

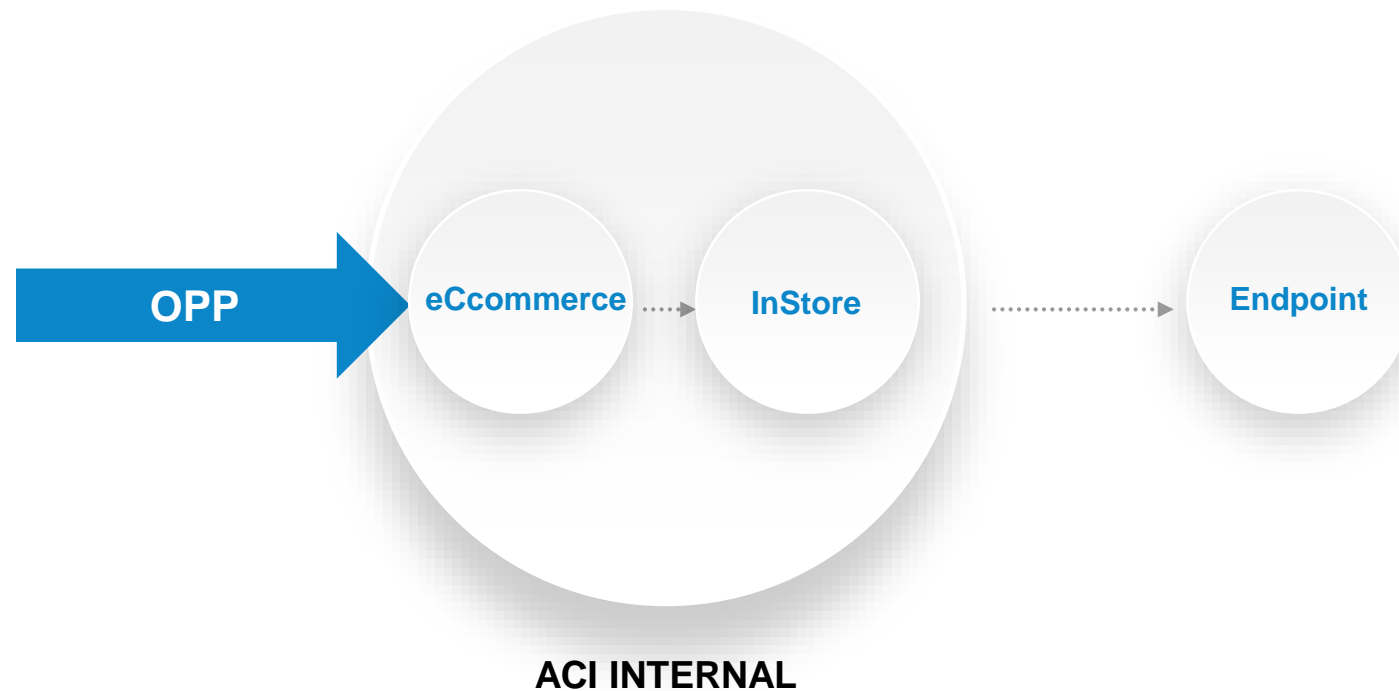


**Connect/IN** can enhance the delivery for 2 use cases

- 1. Payment methods that want to be part of the ACI global coverage network
- 2. ACI customers who want to extend their network on their own

## 4. Connector Reuse

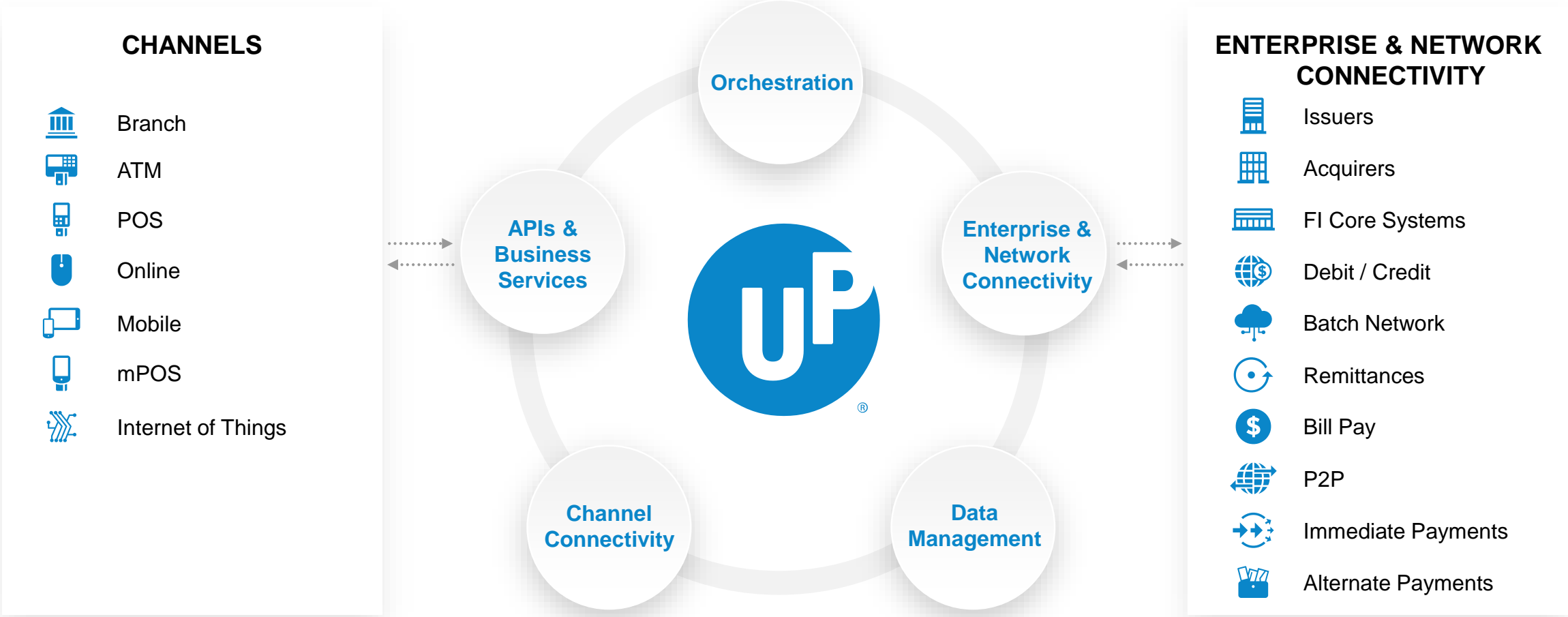
*Leverage the Potential of the existing network in ACI*



- The ACI eCommerce solution is already integrated into several other ACI platform solutions
- The integration into our instore solution is the first step towards the enablement of a true ACI Omnichannel offering

# 5. Endpoint Factory

Portfolio-wide approach for Connector sharing and Re-use



# Summary



The PAY.ON gateway is a **strategically important** part of ACI's portfolio



We have **invested significantly** to ensure the base platform meets our high standards for NFRs



**ACI is listening** to our customers and continues to invest in additional connector development resources



**We have a long term strategy for the PAY.ON gateway** which will leverage significant capabilities already available within the portfolio



We have provided our Partners with **choices** on how to implement connectors going forward which provide all important **flexibility**

## Stay Connected!

Complete the feedback form and update email preferences

*Please Complete Partner Day Feedback Form*

*Opt-in to receive ACI communications*

# Thank You