Risk Management Trends in the Global Payment Ecosystem
- From Protection to Authentication

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More Players in the Payment Ecosystem

Acquirers

Issuers

Merchants

Cardholders

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Converging onto Mobile

The one device to rule them all
The landscape is continues to evolve...

Toward payments that are consumer centric, device agnostic

Face-to-face

Mobile

eCommerce

Rewards and offers

Payment methods

traditional and virtual

Rewards currency

Digital wallet

Payment channels

Payment methods
From Physical to Digital

Provisioning
Tokenization
Risk Management
Lifecycle Management

Remote Commerce
- eCommerce
- mCommerce
- Buy Buttons

Face-to-Face Commerce
- Near-Field Communication (NFC)
- Quick Response (QR)
- Future (BLE)
- Wearables
From Static to Dynamic to Tokenized

Card number
Name
Expiry
Service code
CVV

CRYPTOGRAM

Card number
Name
Expiry
Service code
iCVV

CRYPTOGRAM

Token number
Name
Expiry
Service code
iCVV

CRYPTOGRAM
What can go wrong? - Mind Reading

https://www.youtube.com/watch?v=F7pYHN9iC9I
Fraudsters Are Evolving

Card Database Compromise

Malware and Viruses

PII Database Compromise
Getting more Targeted and Specific

Compromised Card Data → Compromised PII

Phishing → Spear-Phishing

Call Scamming → Social Media Scams
Data will be Key

Protect Data
*Safeguard payment data*

Harness Data
*Stop fraud before it occurs*

Devalue Data
*Render data useless*

Empower Consumers
*Engage cardholders in payment security*
Upcoming Events & Resources

Upcoming Events – Training page on [www.visa.com/cisp](http://www.visa.com/cisp)
- Visa Payment Security Symposium – August 22 and 23
  - Hyatt Regency SFO Airport in Burlingame, California

Visa Data Security Website – [www.visa.com/cisp](http://www.visa.com/cisp)
- “What To Do If Compromised” Guide
- Security Alerts, Bulletins
- Best Practices, White Papers
- Webinars

PCI Security Standards Council Website – [www.pcissc.org](http://www.pcissc.org)
- Data Security Standards – PCI DSS, PA-DSS, PTS
- Programs – ASV, ISA, PA-QSA, PFI, PTS, QSA, QIR, PCIP, and P2PE
- Fact Sheets – ATM Security, Mobile Payments Acceptance, Tokenization, Cloud Computing, and many more...
Questions?