

Mitigating Risk: Challenges and Opportunities

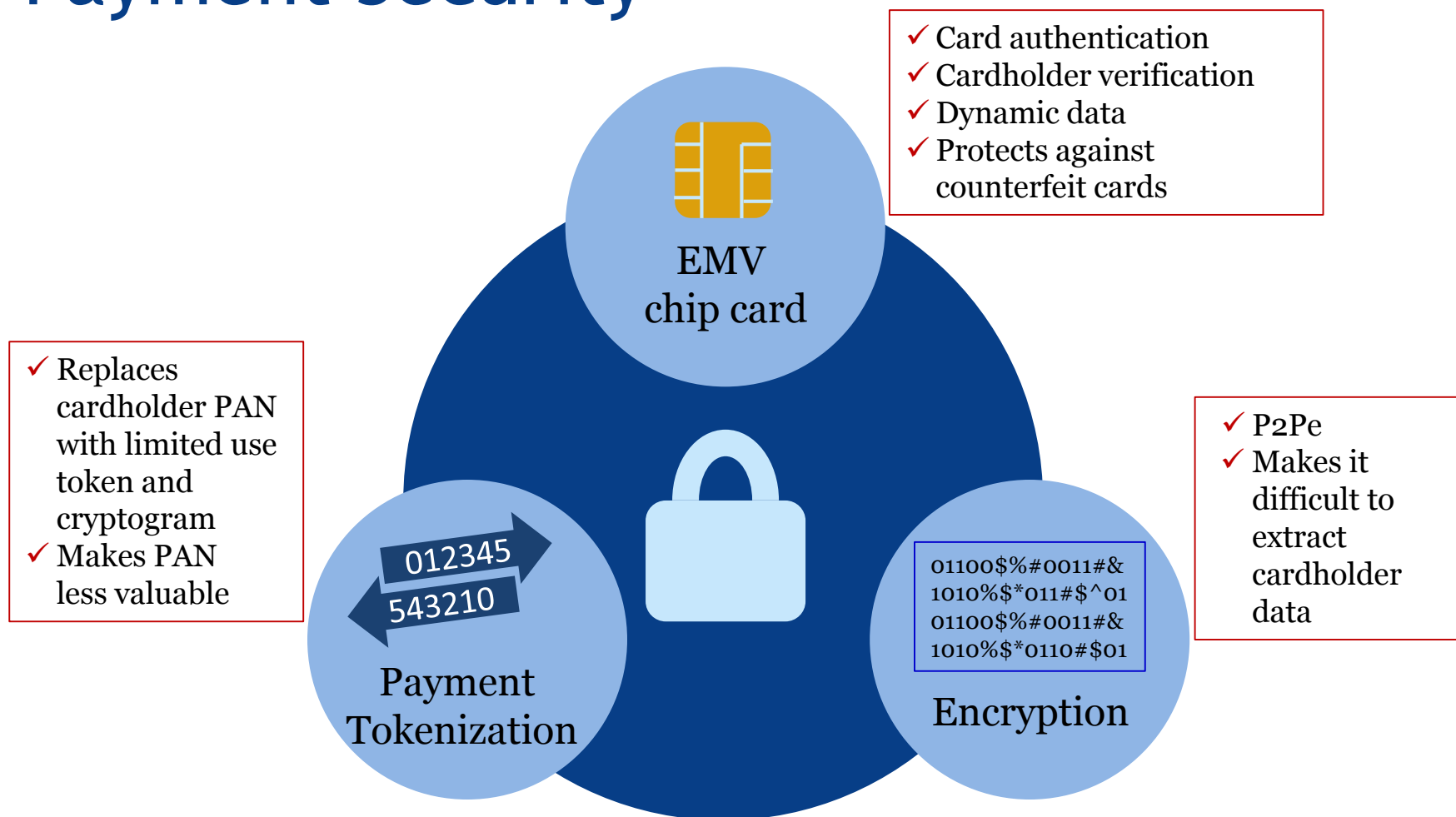
Chicago Payments Symposium 2015

September 23, 2015

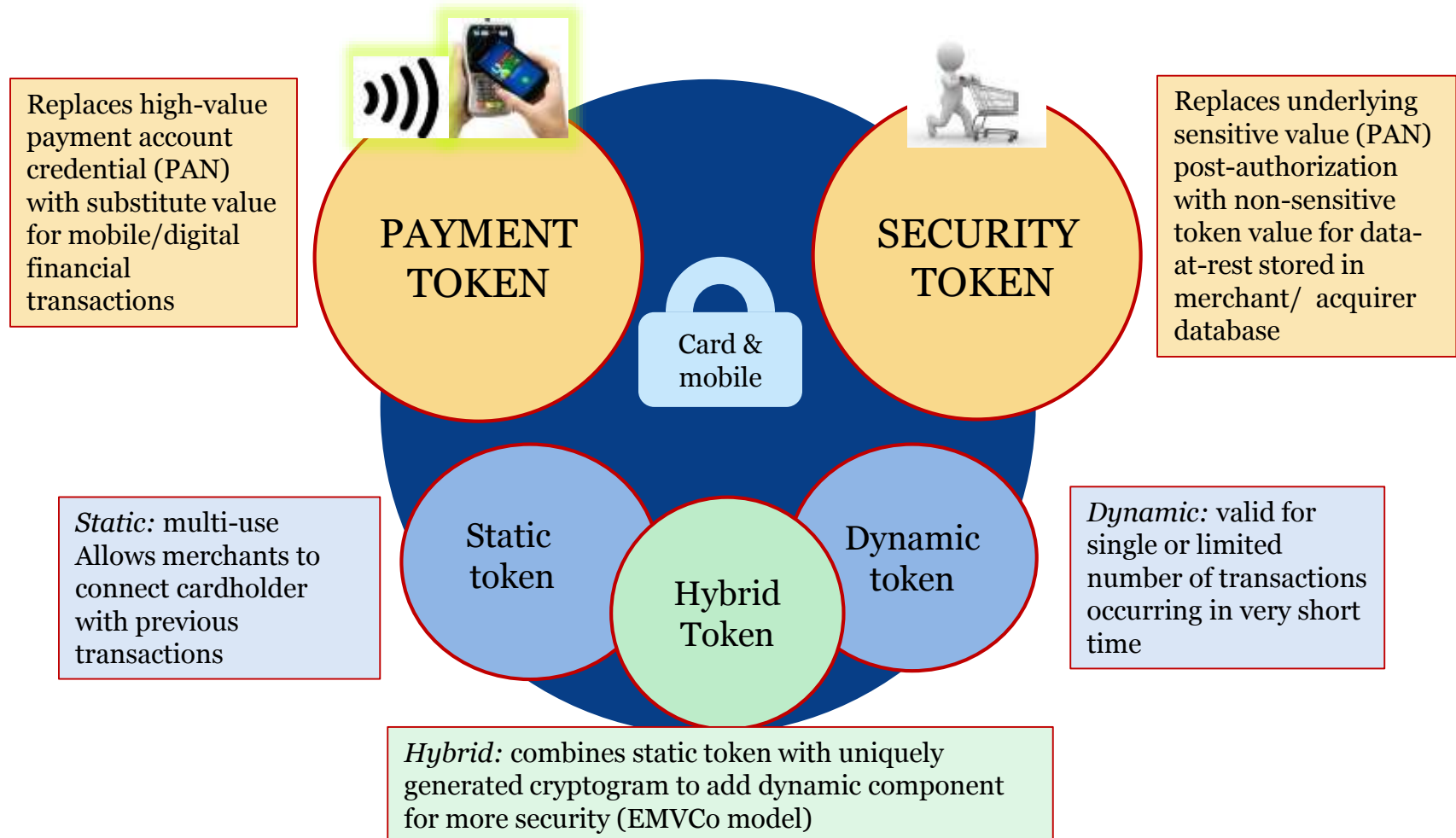
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Building Blocks for Authentication and Payment Security



How tokenization is used to protect cardholder payment data



Security & Payment Token Transaction Flows

Provisioning (EMVCo)

- Token Requestor (TR) sends cardholder PAN to Token Service Provider (TSP) to request a payment token
- TSP issues payment token on behalf of an FI to TR
- Token Domain Restriction Controls prevent token misuse
- Issuer performs Identity and Verification (ID&V) of consumer
- TSP assigns Token Assurance Level based on ID&V to establish confidence level for token to PAN/cardholder binding

