

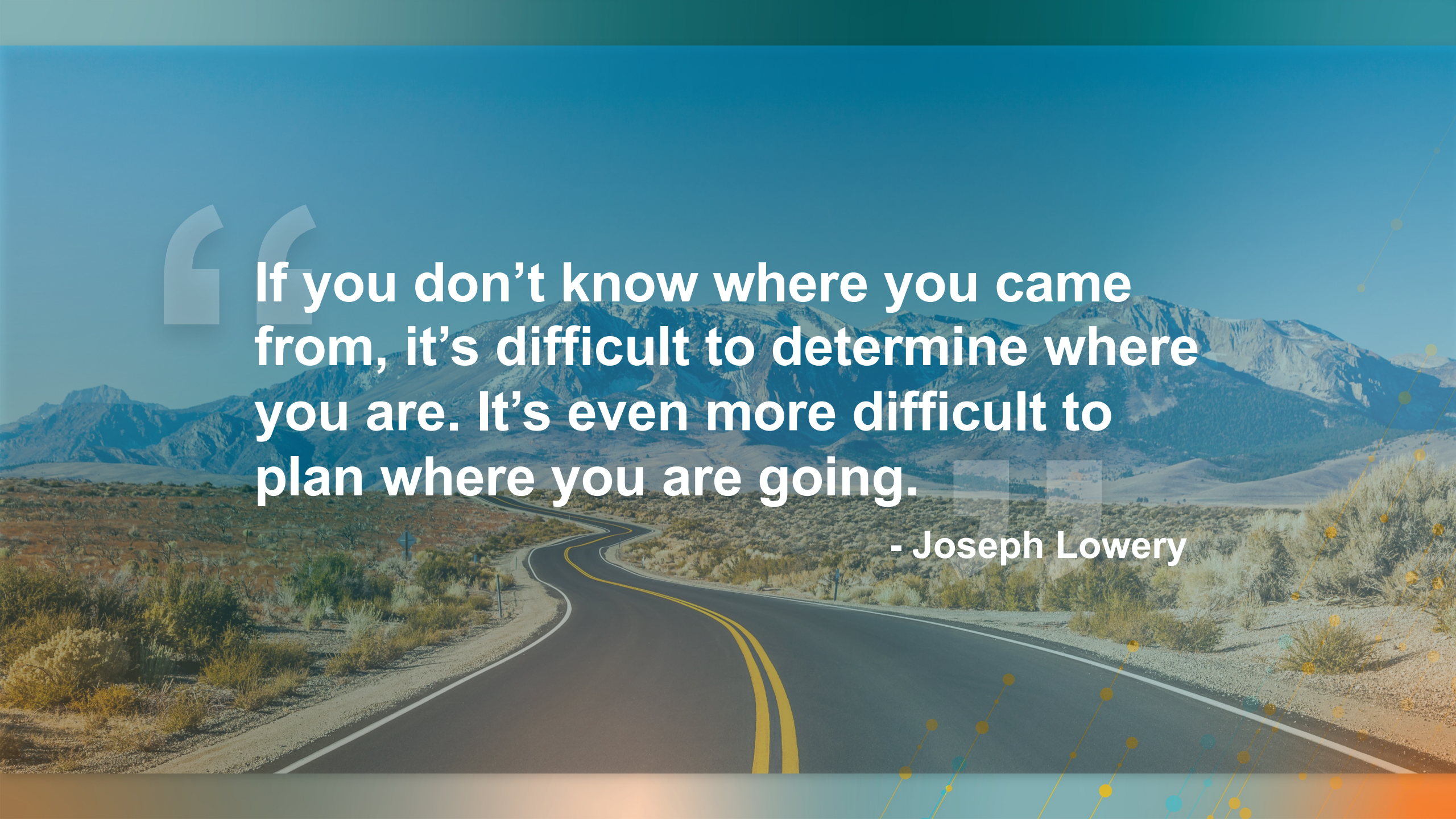
Emma Sutcliffe

SVP, Standards Officer
PCI Security Standards Council

Andrew Jamieson

VP, Solutions
PCI Security Standards Council





“ If you don't know where you came from, it's difficult to determine where you are. It's even more difficult to plan where you are going. ”

- Joseph Lowery

So Where Did We Come From?

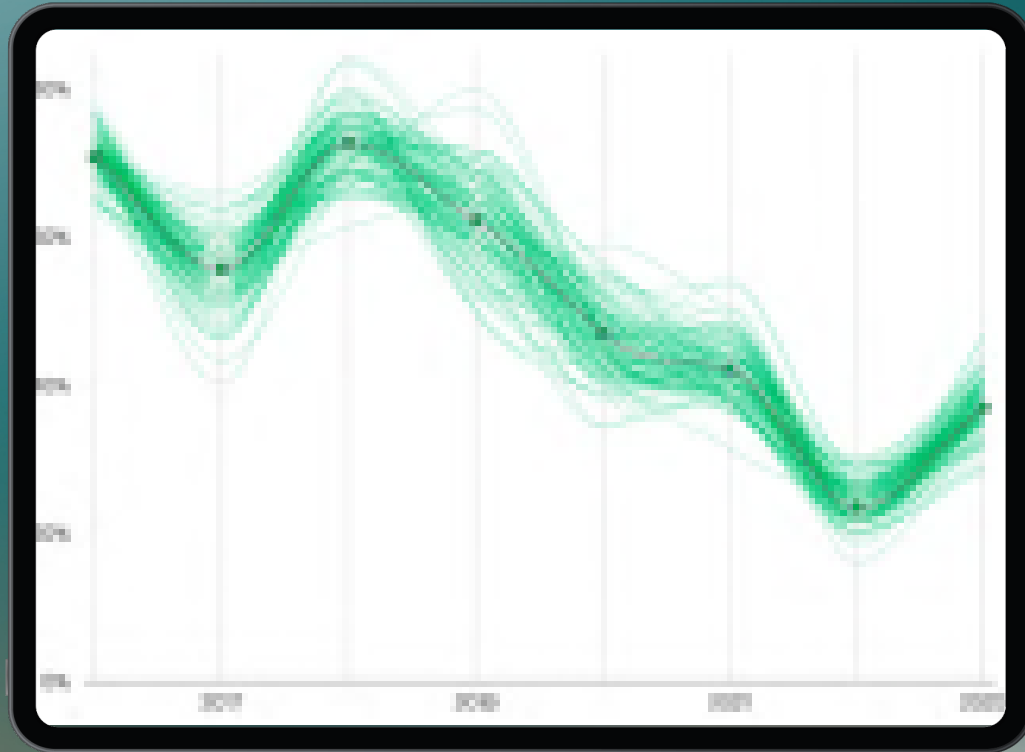


It all started with the PCI DSS

Focused on protecting the PAN and other account data

How did this go?

Card Data Is Less Likely To Be Compromised



Cardholder data is less likely to be compromised in breaches

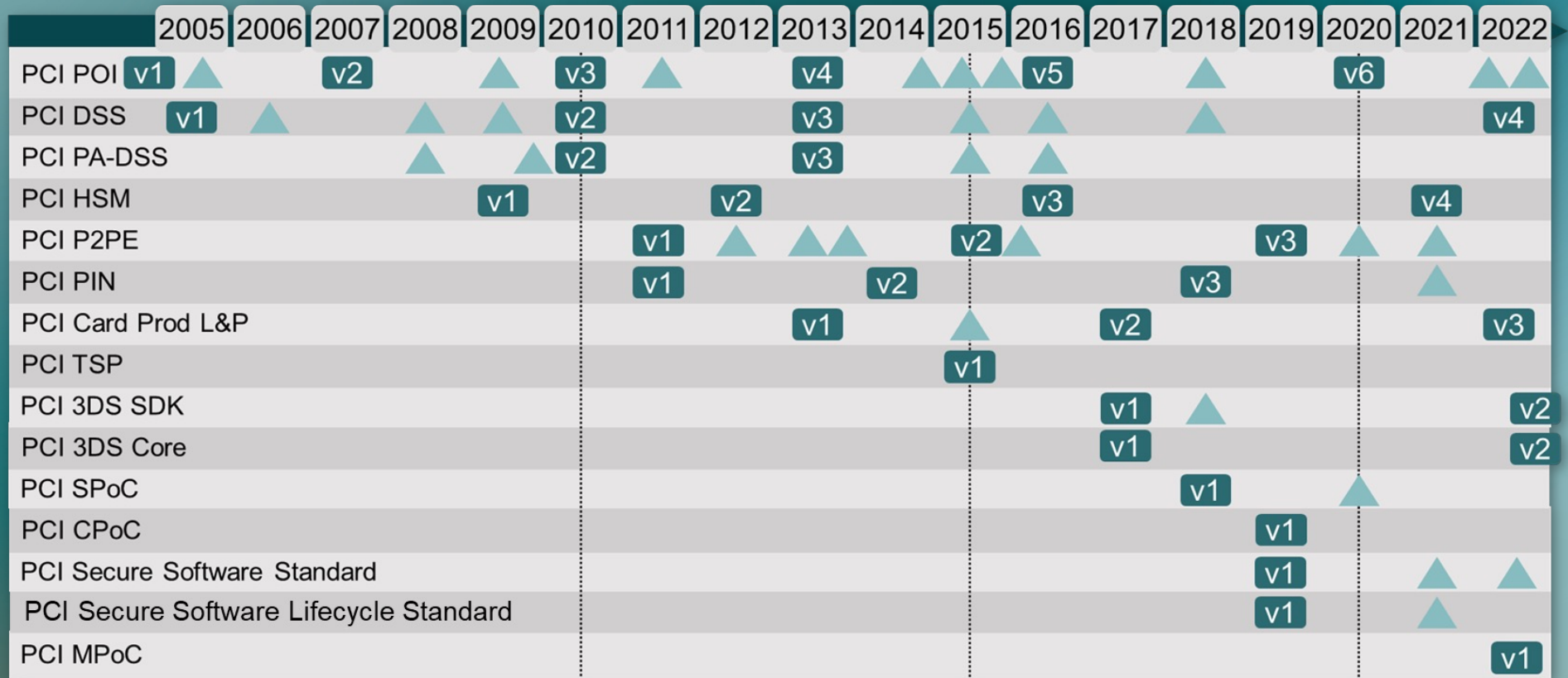
Job done?

New Payment channels continue to emerge, and require security

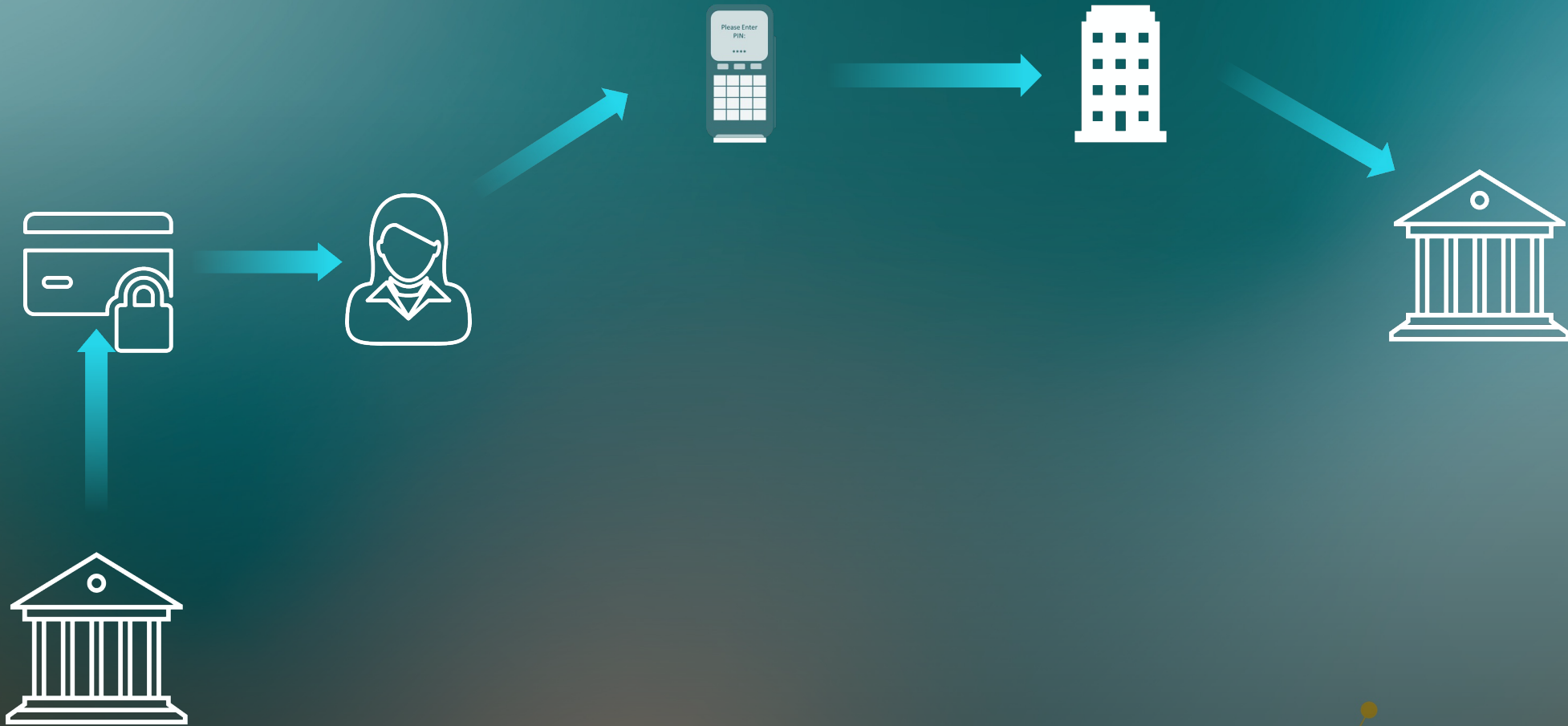
Criminals continue to adapt

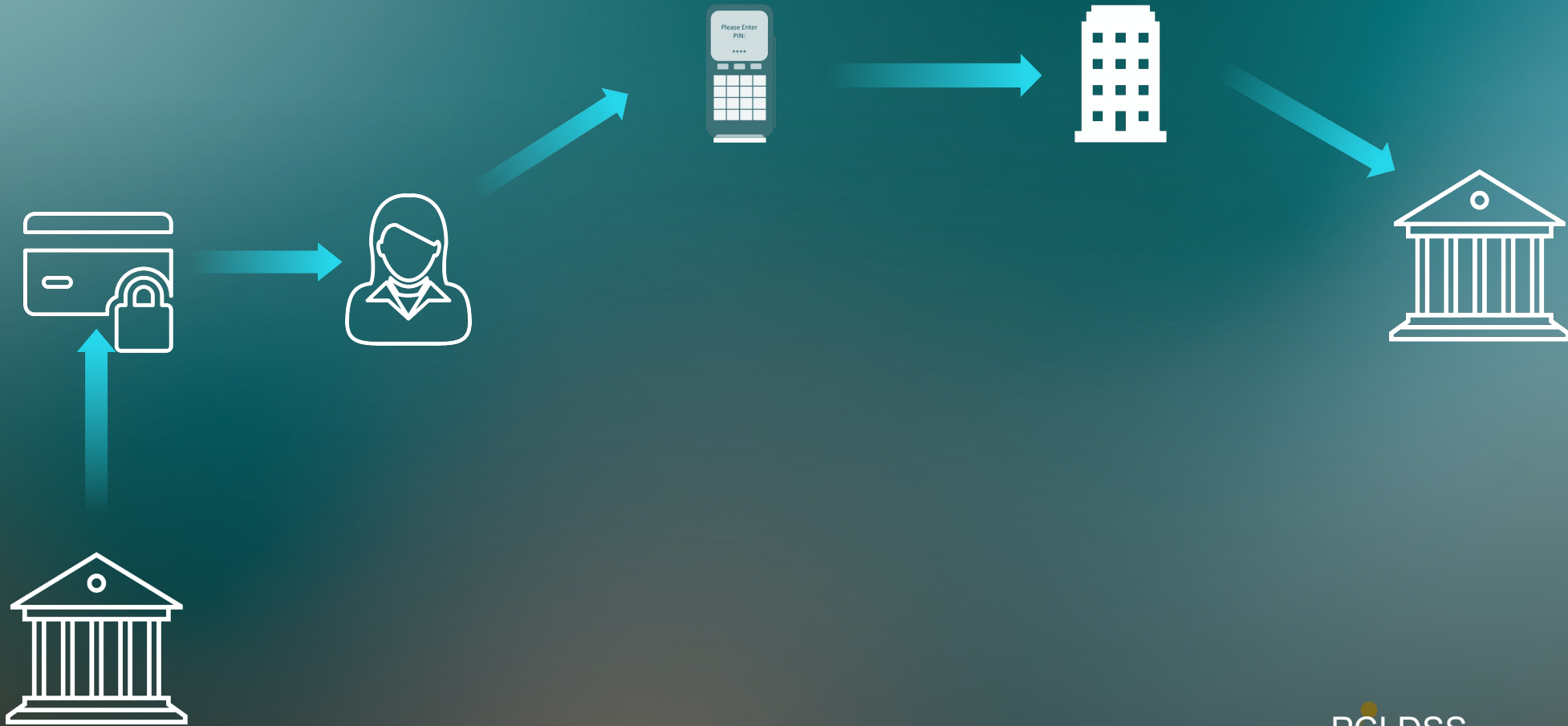


**We Were Going To Need A Bigger Boat
(Or More Standards)**



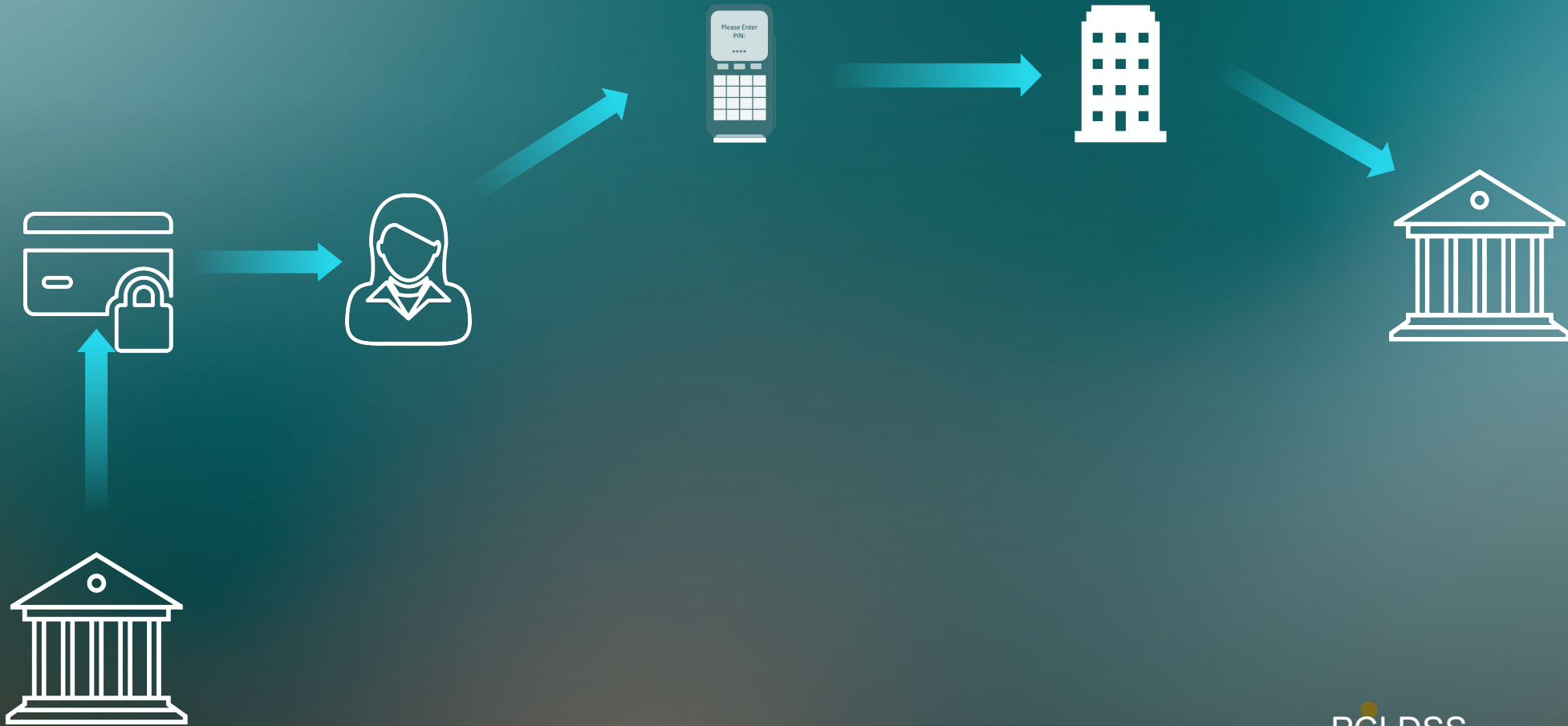
v1 Major revision (with version #) ▲ Minor or other revision





PCI DSS
All entities that
store/process/transmit
payment data

PCI PTS POI



PCI DSS
All entities that
store/process/transmit
payment data

PCI PIN



PCI PTS POI



PCI DSS
All entities that
store/process/transmit
payment data

PCI PIN



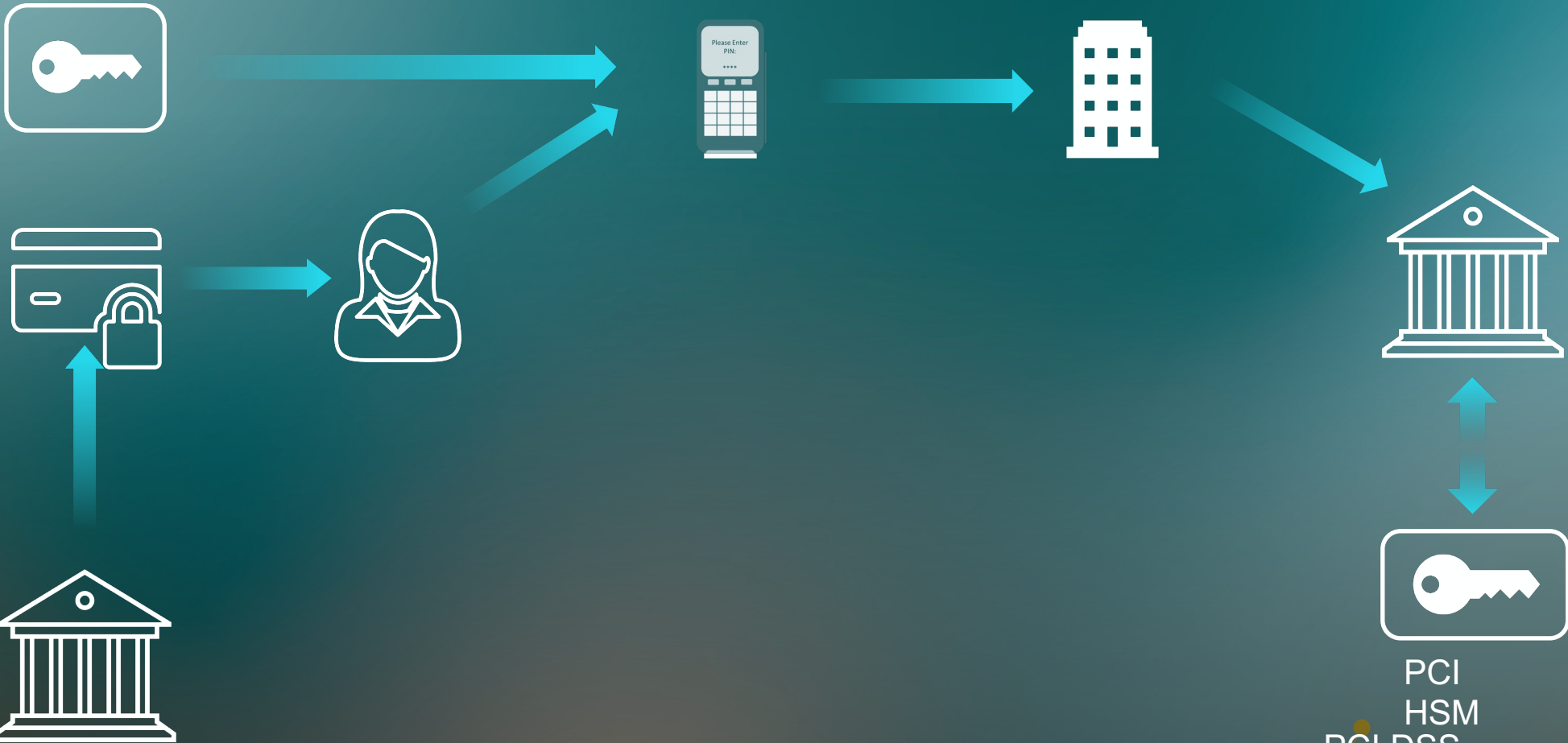
PCI PTS POI



PCI HSM

PCI DSS

All entities that store/process/transmit payment data



PCI PIN



PCI PTS POI



PCI
HSM

PCI DSS

All entities that
store/process/transmit
payment data



PCI Card Production Logical
PCI Card Production Physical



PCI PIN



PCI PTS POI



PCI Card Production Logical
PCI Card Production Physical

PCI Secure Software
PCI Secure Software Lifecycle

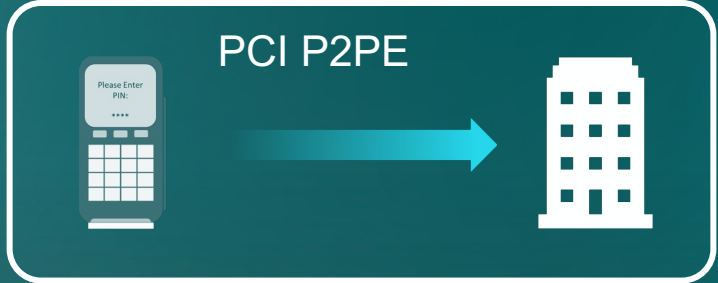
PCI HSM
PCI DSS
All entities that store/process/transmit payment data



PCI PIN



PCI PTS POI



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PCI Secure Software Lifecycle

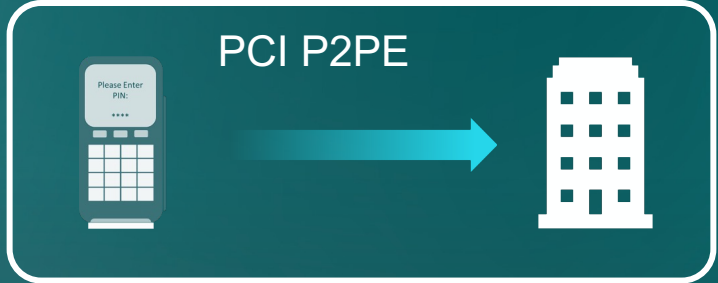
PCI HSM
PCI DSS
All entities that store/process/transmit payment data



PCI PIN



PCI PTS POI



PCI 3DS SDK



PCI 3DS Core
PCI TSP



PCI HSM
PCI DSS
All entities that store/process/transmit payment data



PCI Card Production Logical
PCI Card Production Physical

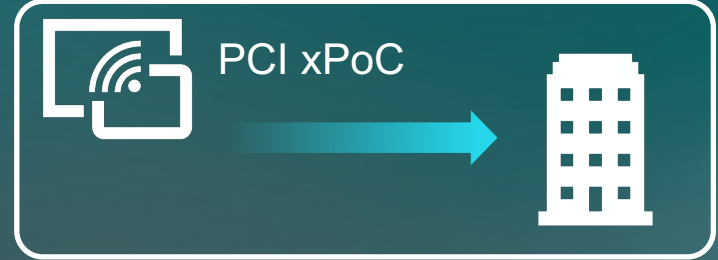
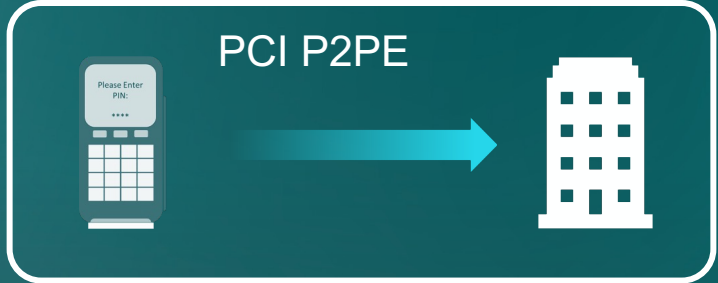
PCI Secure Software
PCI Secure Software Lifecycle



PCI PIN



PCI PTS POI



PCI 3DS Core
PCI TSP



PCI HSM
PCI DSS
All entities that store/process/transmit payment data



PCI Card Production Logical
PCI Card Production Physical

PCI Secure Software
PCI Secure Software Lifecycle



That Seems Comprehensive...

LN	CAR	DEST
R	8	Glenmont
R	8	Glenmont
R	6	Glenmont

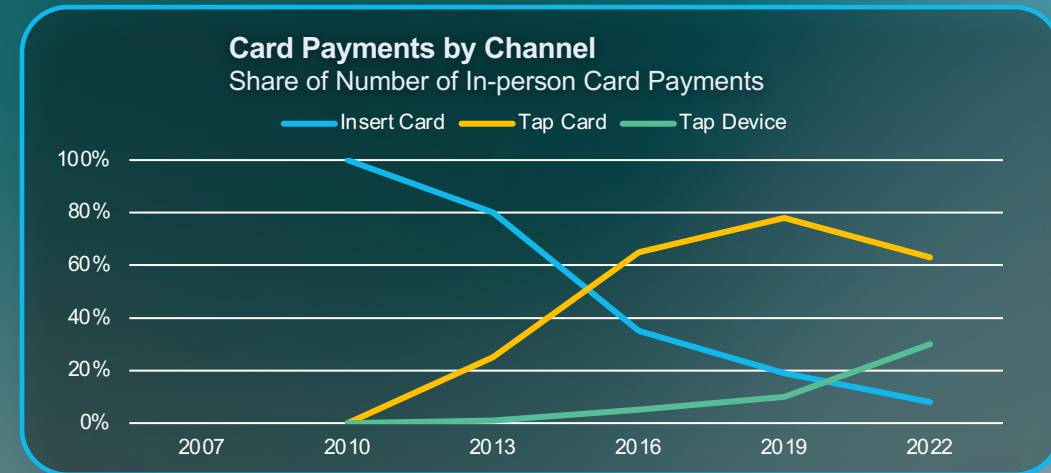
Where Next?

Payments Are Changing

- Mobile is increasingly part of the payment experience
- Software solutions are more common, and more complex
- Payment cards are changing – mobile, watches, 8 digit BINs
- Payment habits are changing

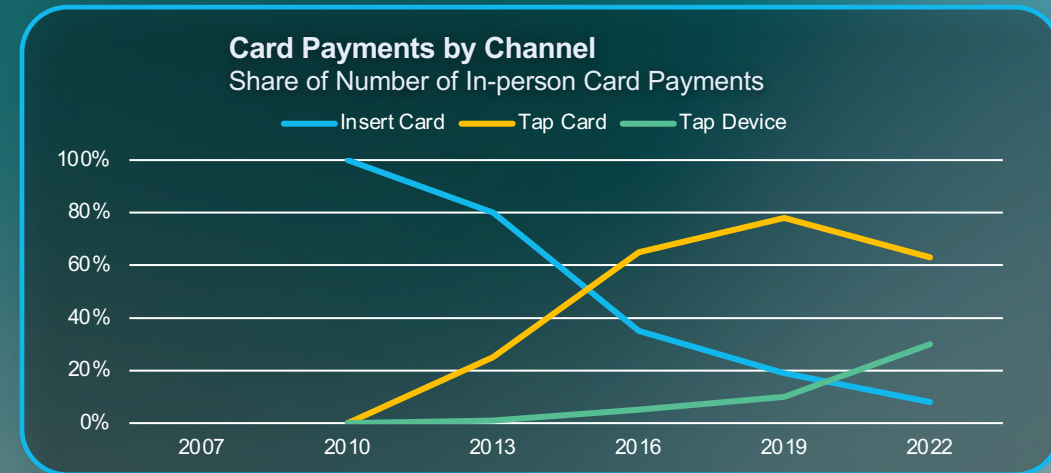
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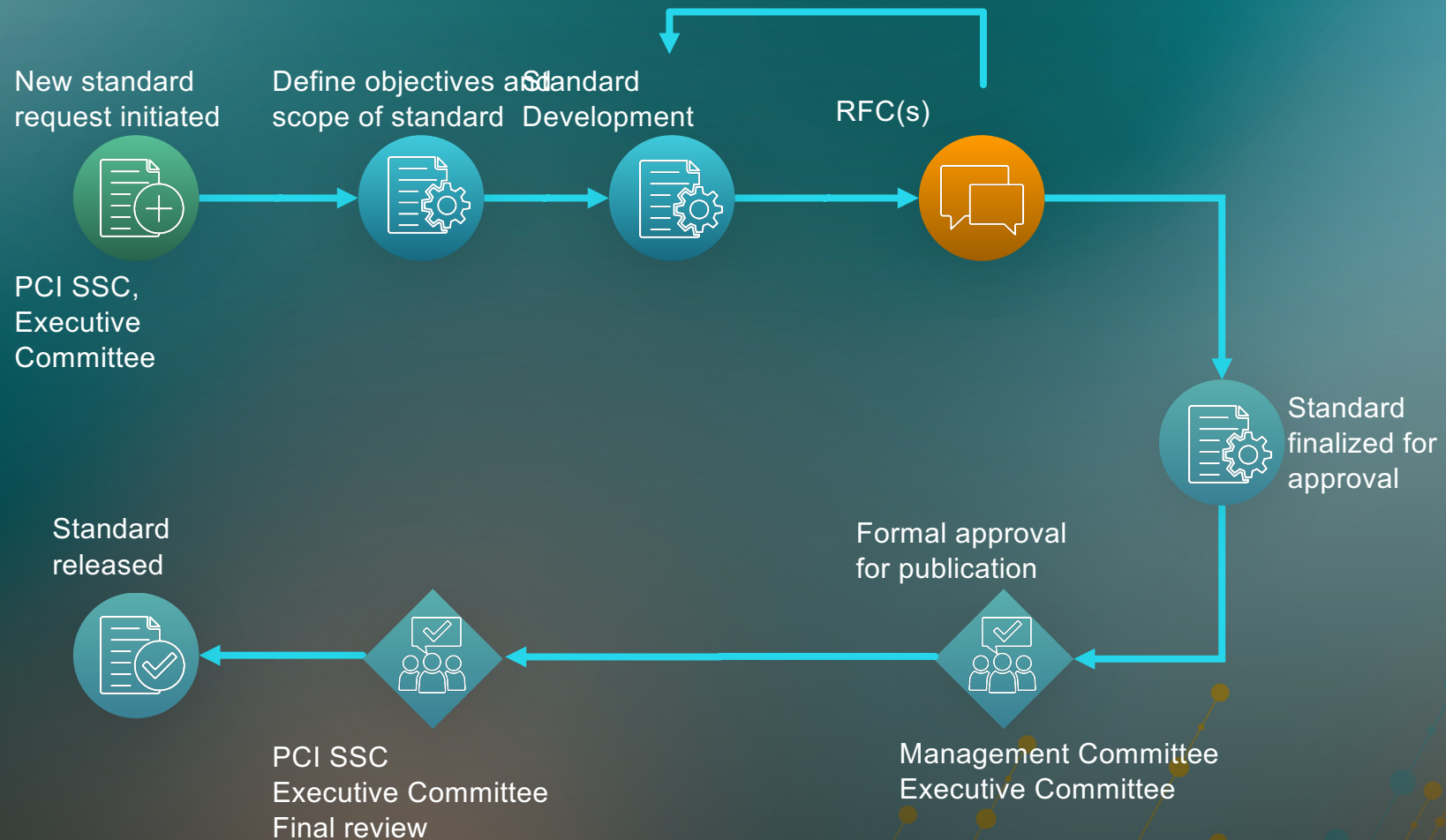


Payments Are Changing

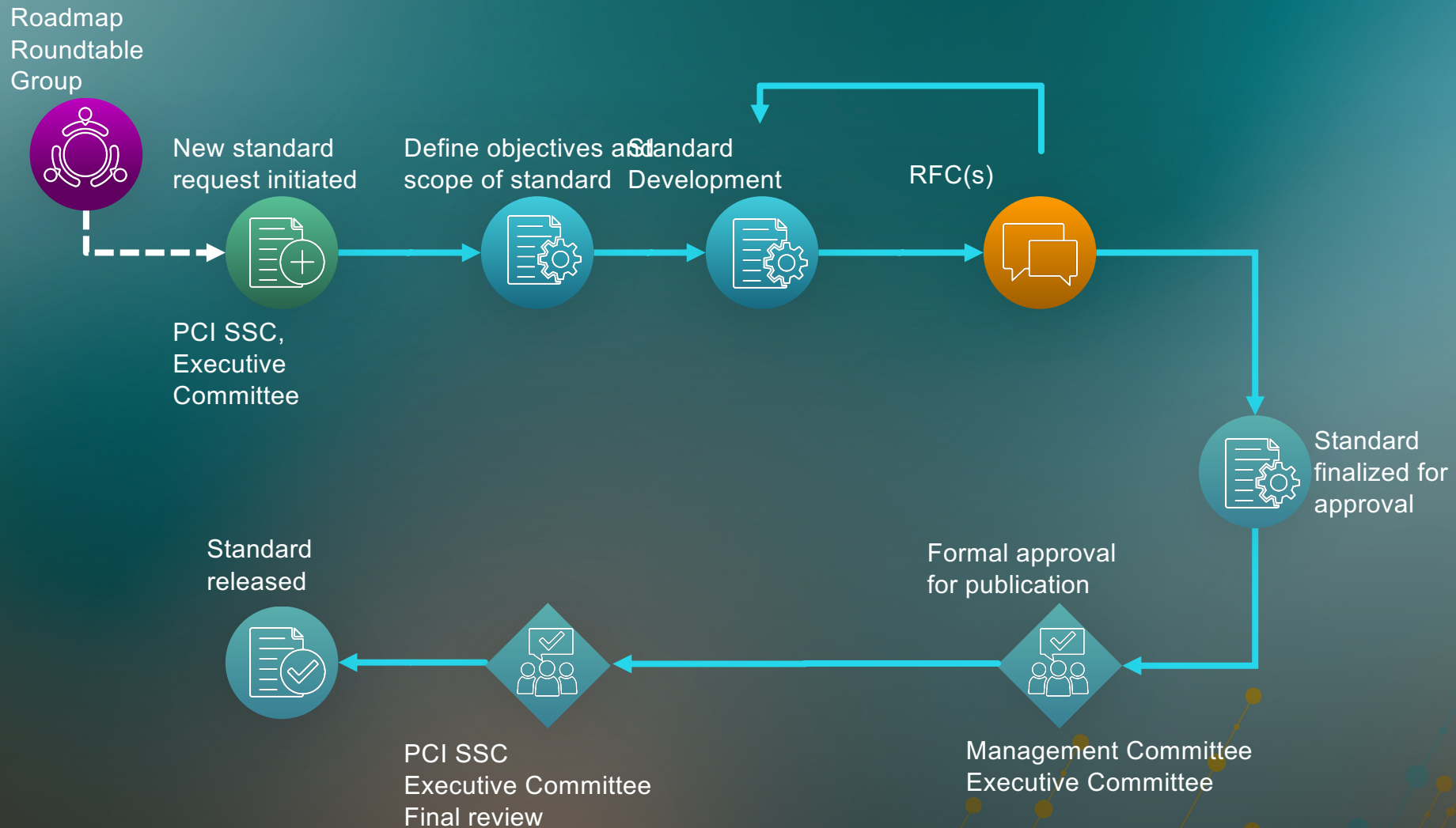
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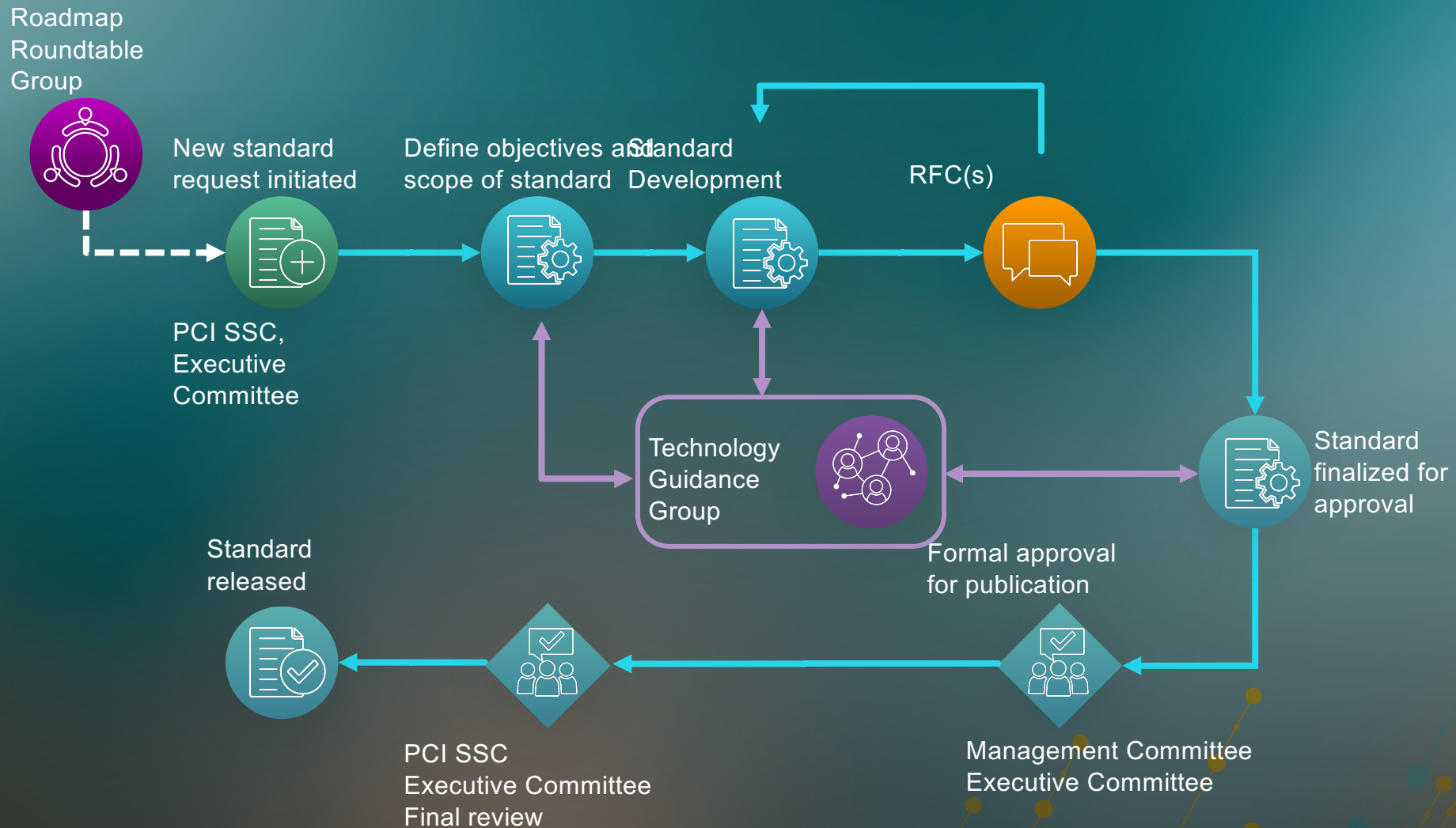
We Are Changing



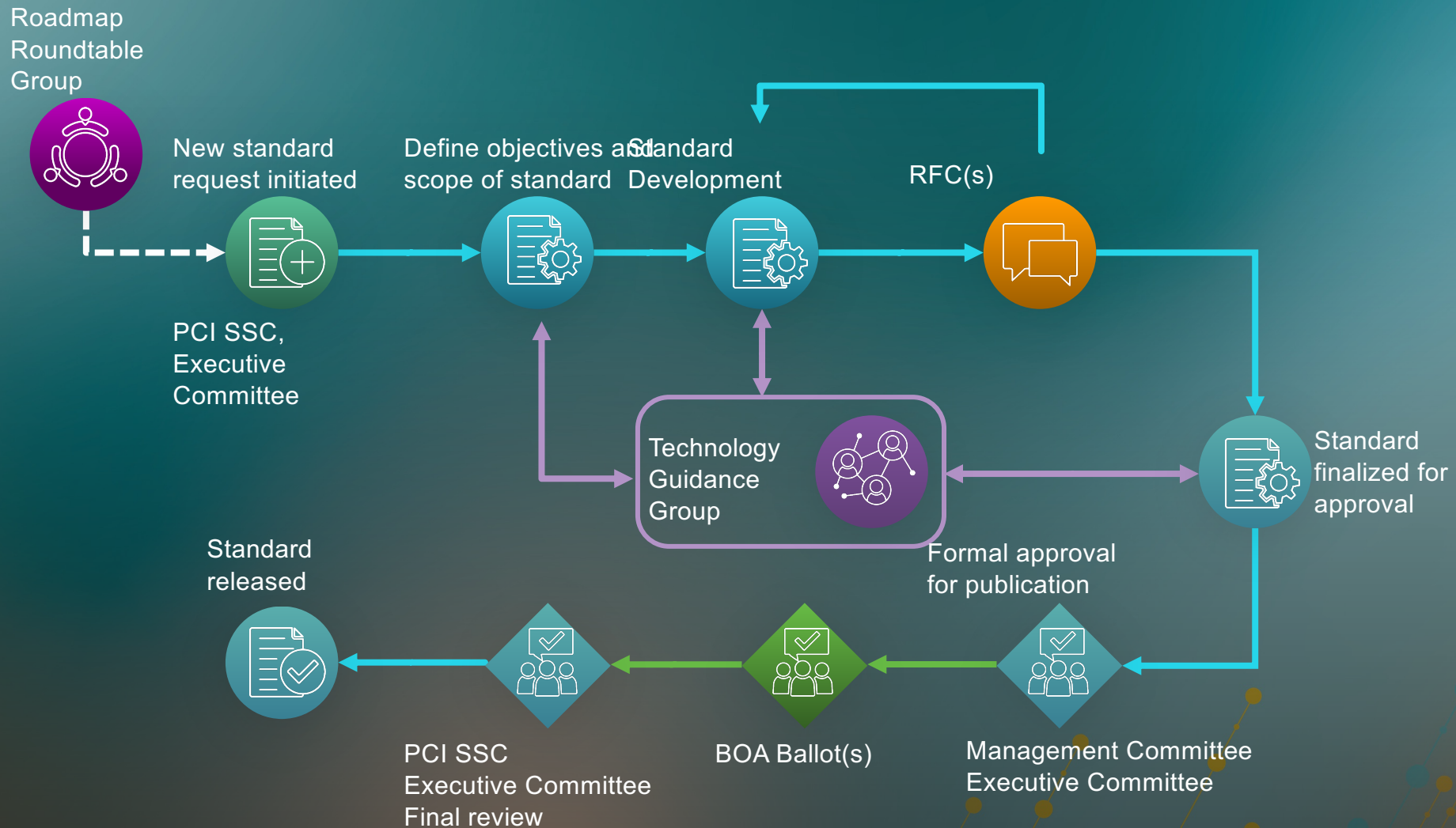
We Are Changing



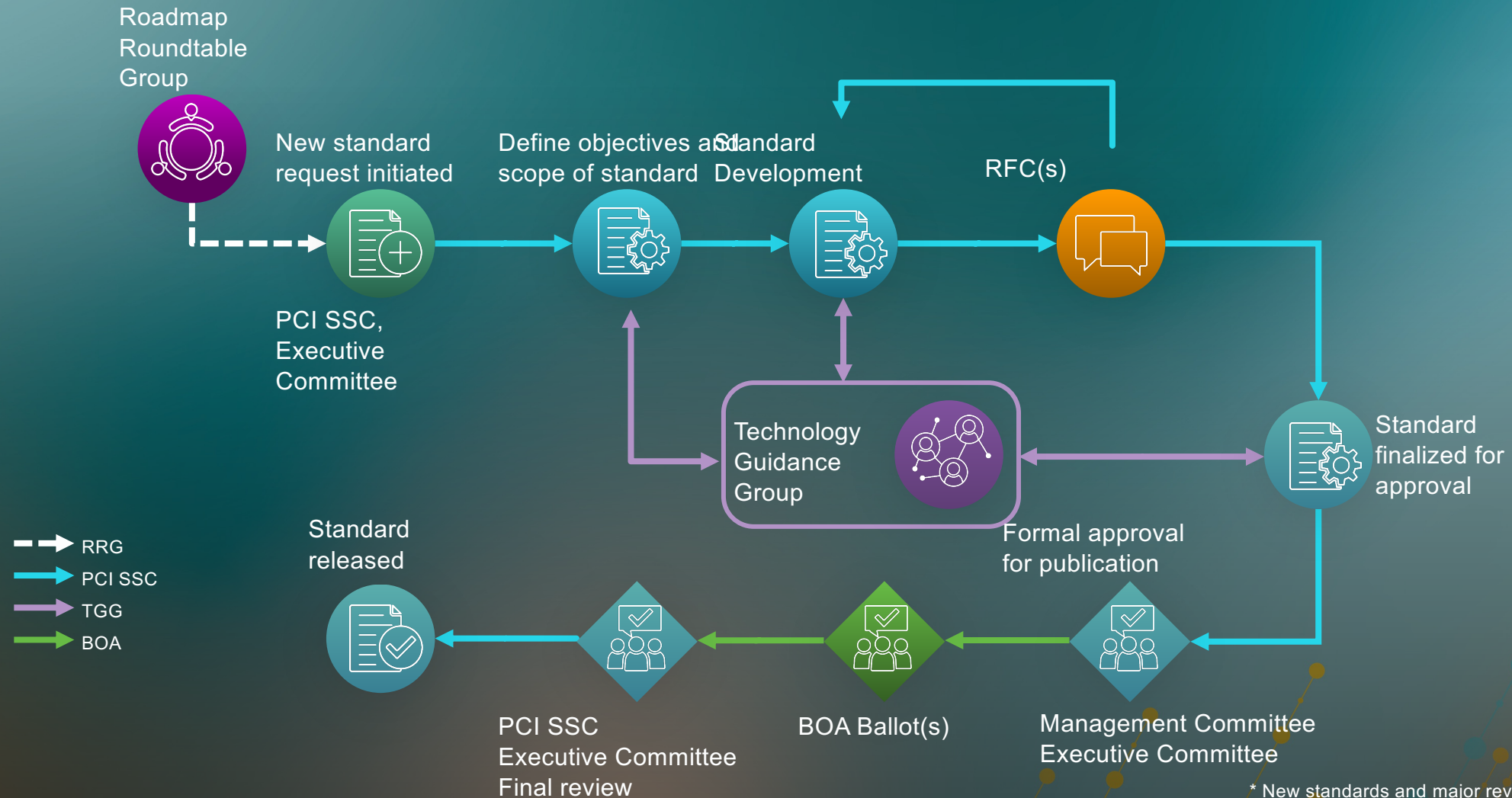
We Are Changing



We Are Changing



We Are Changing



* New standards and major revisions

Our Standards Are Changing



Objective Based



More Guidance



Increased Flexibility



More Stakeholder Interaction



Integration & Alignment



More Outreach

How Are We Getting There?



How Are We Getting There?

Let's show them everything!



How Are We Getting There?



Let's show them everything!

Planes!

Standard and Status
PCI PA-DSS
PCI SPoC
PCI CPoC
PCI DSS v3.2.1
PCI P2PE
PCI TSP
PCI 3DS SDK
PCI 3DS Core
PCI DSS v4
PCI Secure Software
PCI Secure Software Lifecycle
PCI MPoC
PCI POI
PCI HSM
PCI PIN
PCI Card Production - Logical
PCI Card Production - Physical

Plans!

Standard and Status
PCI PA-DSS
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Plans!

Standard and Status	
PCI PA-DSS	Standard Retired
PCI SPoC	Maintenance Mode
PCI CPoC	Maintenance Mode
PCI DSS v3.2.1	Maintenance Mode
PCI P2PE	
PCI TSP	
PCI 3DS SDK	
PCI 3DS Core	
PCI DSS v4	
PCI Secure Software	
PCI Secure Software Lifecycle	
PCI MPoC	
PCI POI	
PCI HSM	
PCI PIN	BAU
PCI Card Production - Logical	BAU
PCI Card Production - Physical	

Plans!

Standard and Status	
PCI PA-DSS	Standard Retired
PCI SPoC	Maintenance Mode
PCI CPoC	Maintenance Mode
PCI DSS v3.2.1	Maintenance Mode
PCI P2PE	Revision Underway
PCI TSP	Revision Underway
PCI 3DS SDK	Revision Underway
PCI 3DS Core	Revision Underway
PCI DSS v4	
PCI Secure Software	
PCI Secure Software Lifecycle	
PCI MPoC	
PCI POI	
PCI HSM	
PCI PIN	BAU
PCI Card Production - Logical	BAU
PCI Card Production - Physical	

Plans!

Standard and Status	
PCI PA-DSS	Standard Retired
PCI SPoC	Maintenance Mode
PCI CPoC	Maintenance Mode
PCI DSS v3.2.1	Maintenance Mode
PCI P2PE	Revision Underway
PCI TSP	Revision Underway
PCI 3DS SDK	Revision Underway
PCI 3DS Core	Revision Underway
PCI DSS v4	Revision Planning
PCI Secure Software	Revision Planning
PCI Secure Software Lifecycle	Revision Planning
PCI MPoC	Revision Planning
PCI POI	
PCI HSM	
PCI PIN	BAU
PCI Card Production - Logical	BAU
PCI Card Production - Physical	BAU

Plans!

Standard and Status	
PCI PA-DSS	Standard Retired
PCI SPoC	Maintenance Mode
PCI CPoC	Maintenance Mode
PCI DSS v3.2.1	Maintenance Mode
PCI P2PE	Revision Underway
PCI TSP	Revision Underway
PCI 3DS SDK	Revision Underway
PCI 3DS Core	Revision Underway
PCI DSS v4	Revision Planning
PCI Secure Software	Revision Planning
PCI Secure Software Lifecycle	Revision Planning
PCI MPoC	Revision Planning
PCI POI	Revision Under Consideration
PCI HSM	Revision Under Consideration
PCI PIN	Revision Under Consideration
PCI Card Production - Logical	BAU
PCI Card Production - Physical	BAU

How Are We Getting There?



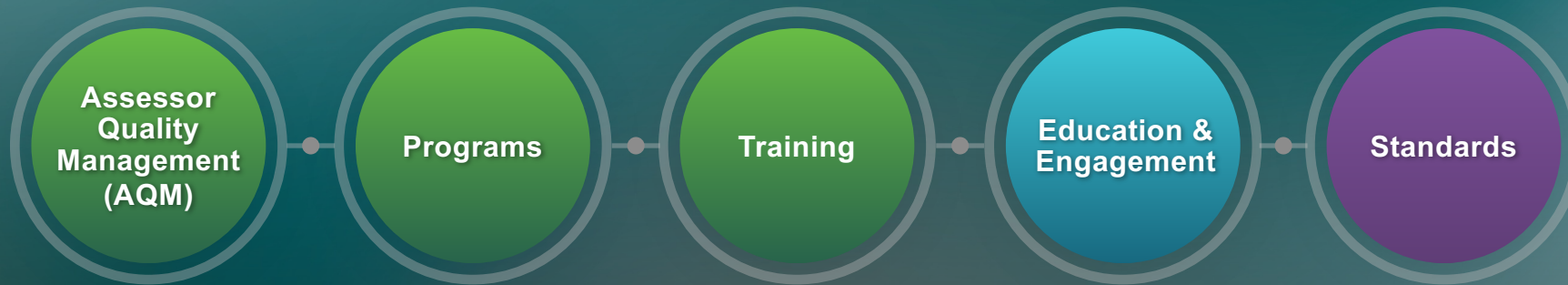
HOP ON HOP OFF - TOUR ALL DAY

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BOSTON'S TOWN TRAM Trains!

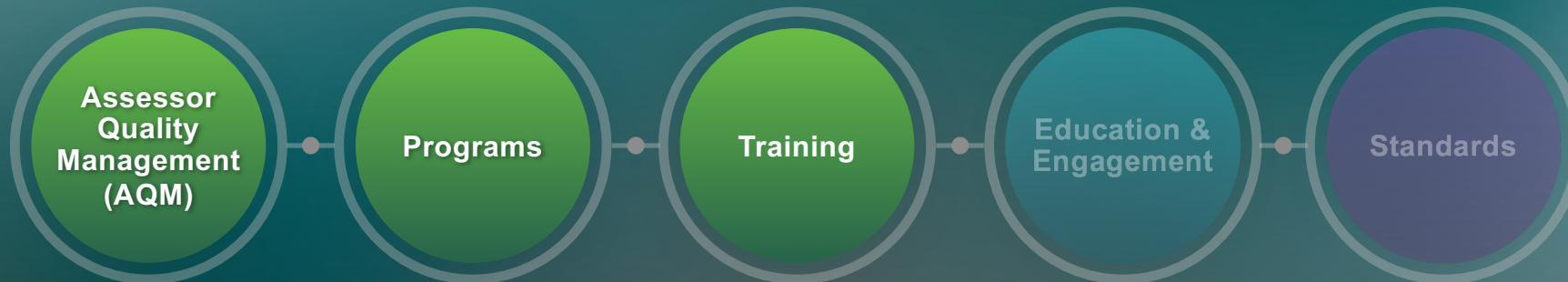


The Folks on the Trolley



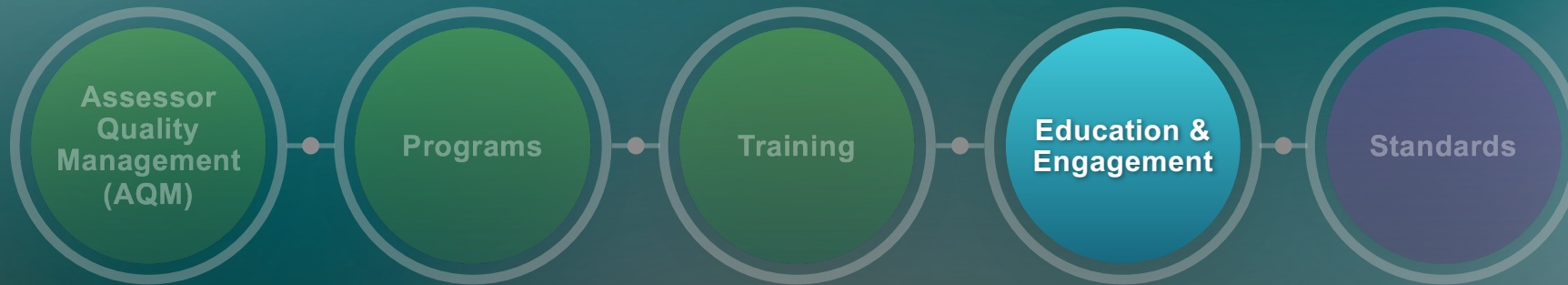
The Folks on the Trolley

Operations



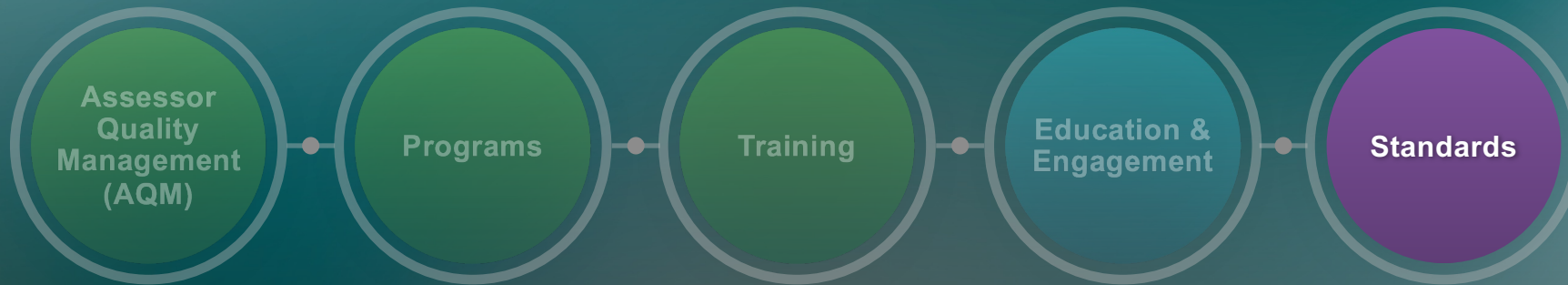
- ROC and ROV reviews
- Program Guides, Qualification Requirements
- Professional and Assessor training and certification

The Folks on the Trolley



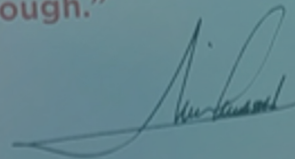
- Podcasts, social media, blog, and newsletters
- Community outreach, information sessions
- Speaking events and webinars

The Folks on the Trolley



- Standards creation, update, and management
- FAQs, Technical FAQs, guidance documentation
- Working group and Laboratory management

"If everything seems under control,
you're just not going
fast enough."



MARIO ANDRETTI

One of the Most Successful Americans
in the History of Motor Racing

500
Mile Record
Averaging
157



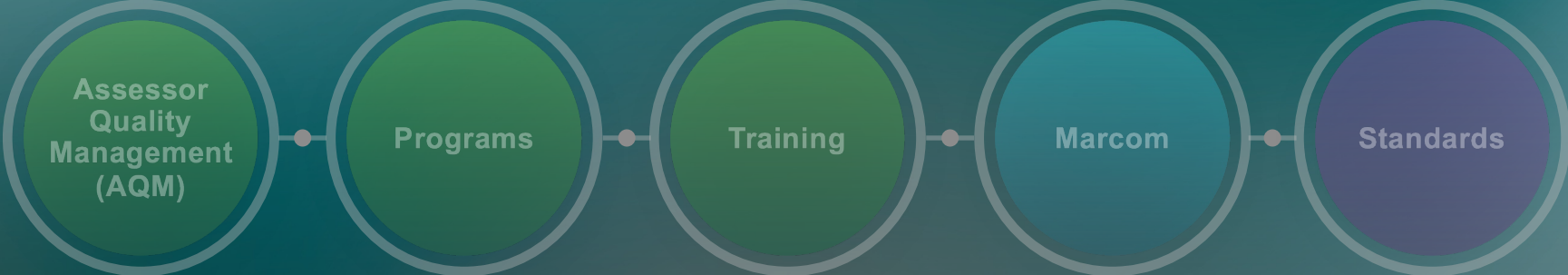
Which Brings Us To Automobiles



PCI Security Standards Council



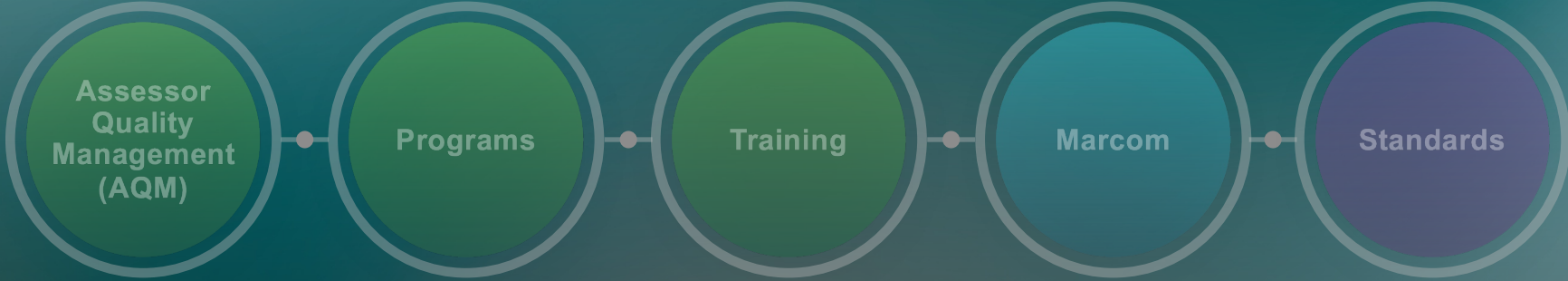
Our Pit Crew



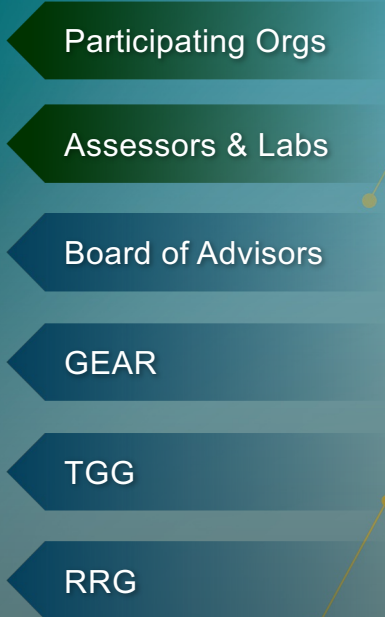
Participating Orgs

Assessors & Labs

Our Pit Crew



- Provide input and guidance on existing standards
- Provide input and guidance on future roadmap
- Act as a conduit from the assessor and implementer communities





Where are we going?

We're **going** to **keep**
securing payment data and
transactions

How are we getting there?

With your help

A man and a woman are standing on a stage in a conference room, addressing an audience. The man is pointing towards the audience while speaking into a microphone. The woman is also holding a microphone. The audience is seated at long tables with laptops open. The room has a modern, professional feel with large windows and exit signs. The text "Because it's dangerous to go alone..." is overlaid in white on the image.

Because it's dangerous to go alone...