



PCI SSC Where We Are Going and How We Are Getting There

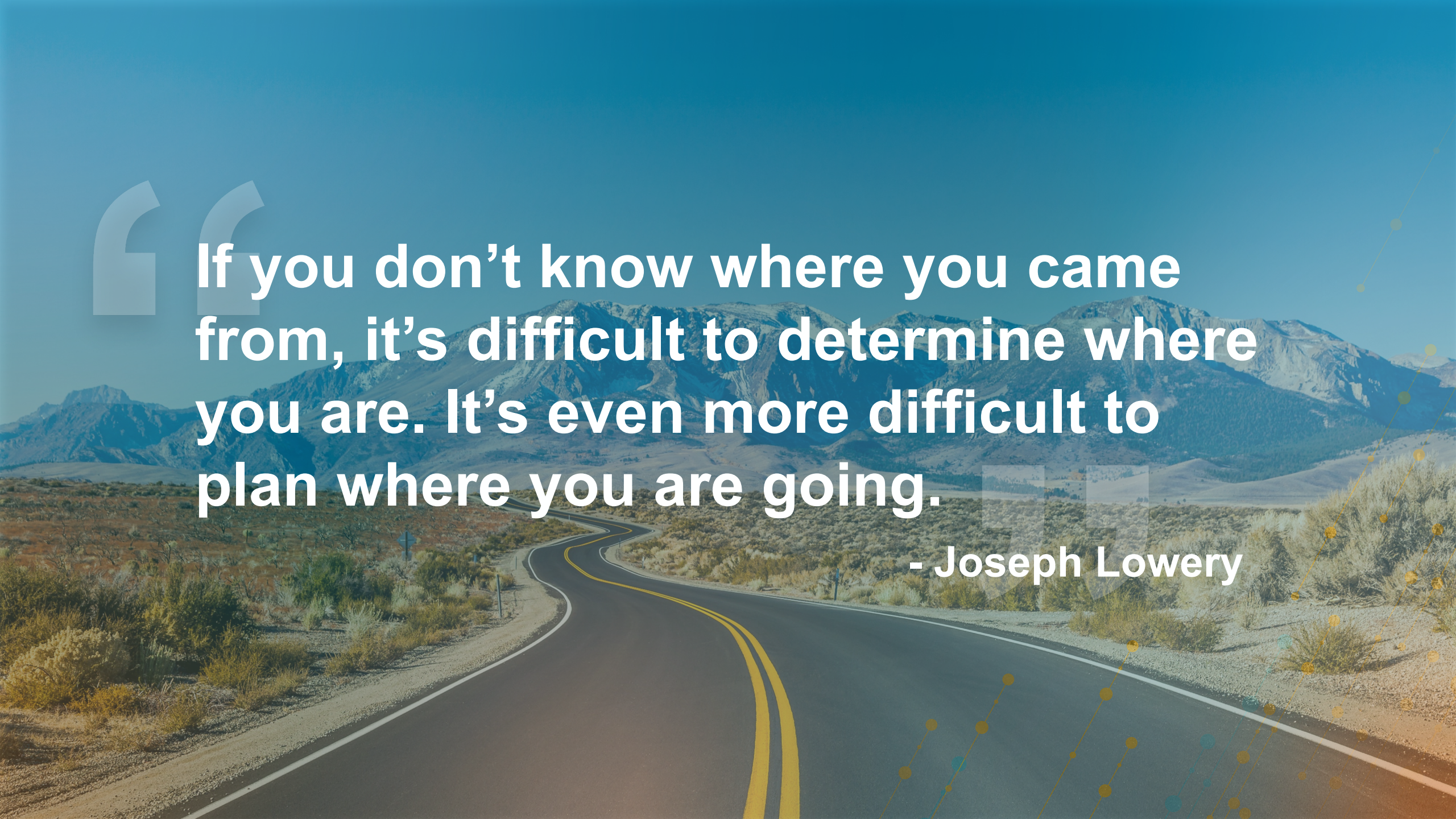
Emma Sutcliffe

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?

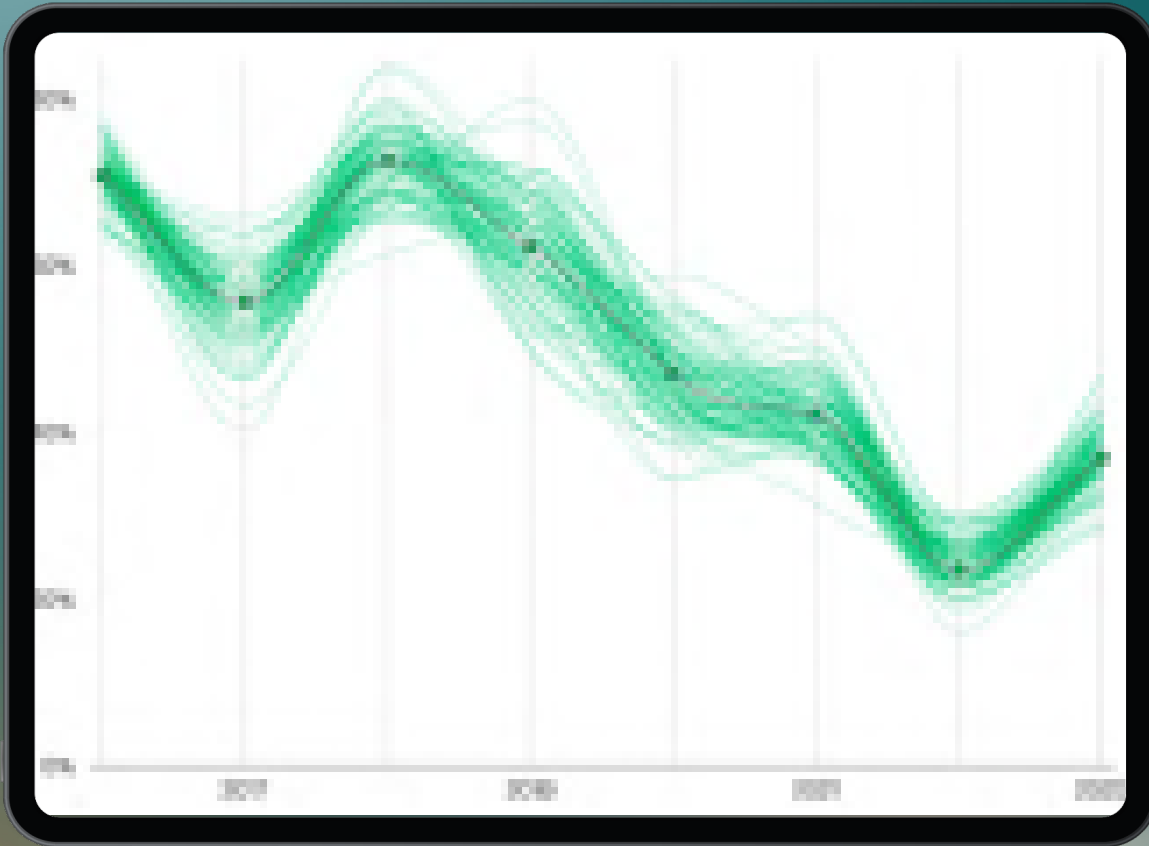


It all started with the PCI DSS

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

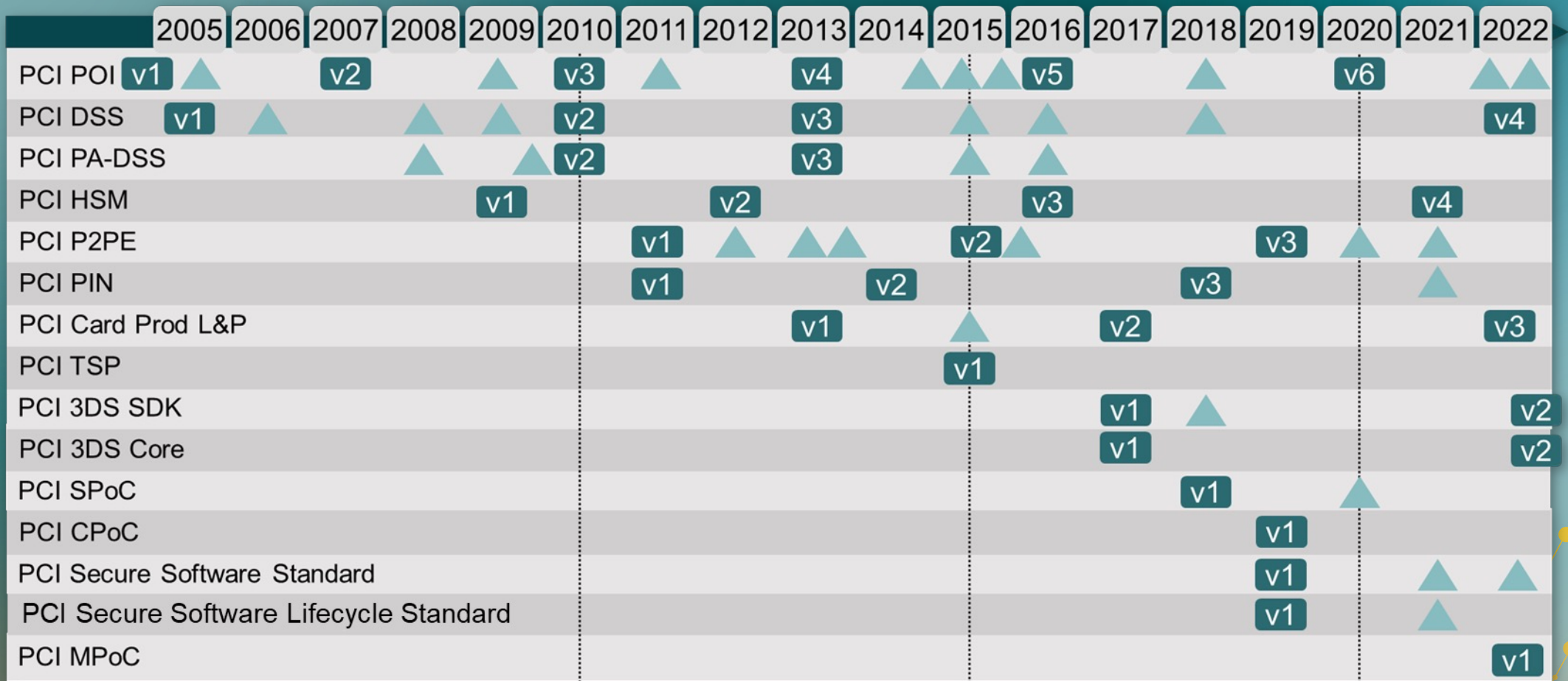
Job done?

New Payment channels continue to emerge, and require security

Criminals continue to adapt

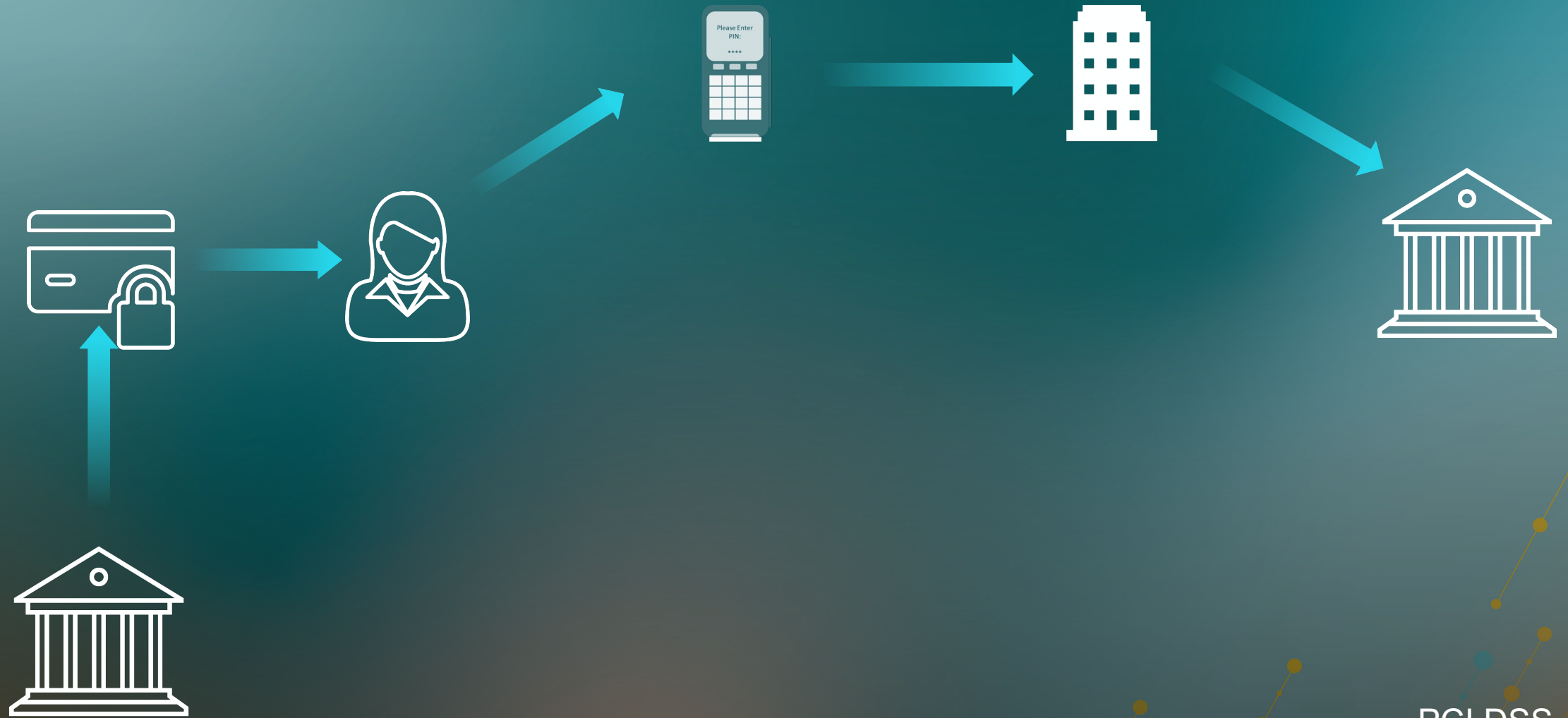


We Were Going To Need A Bigger Boat (Or More Standards)



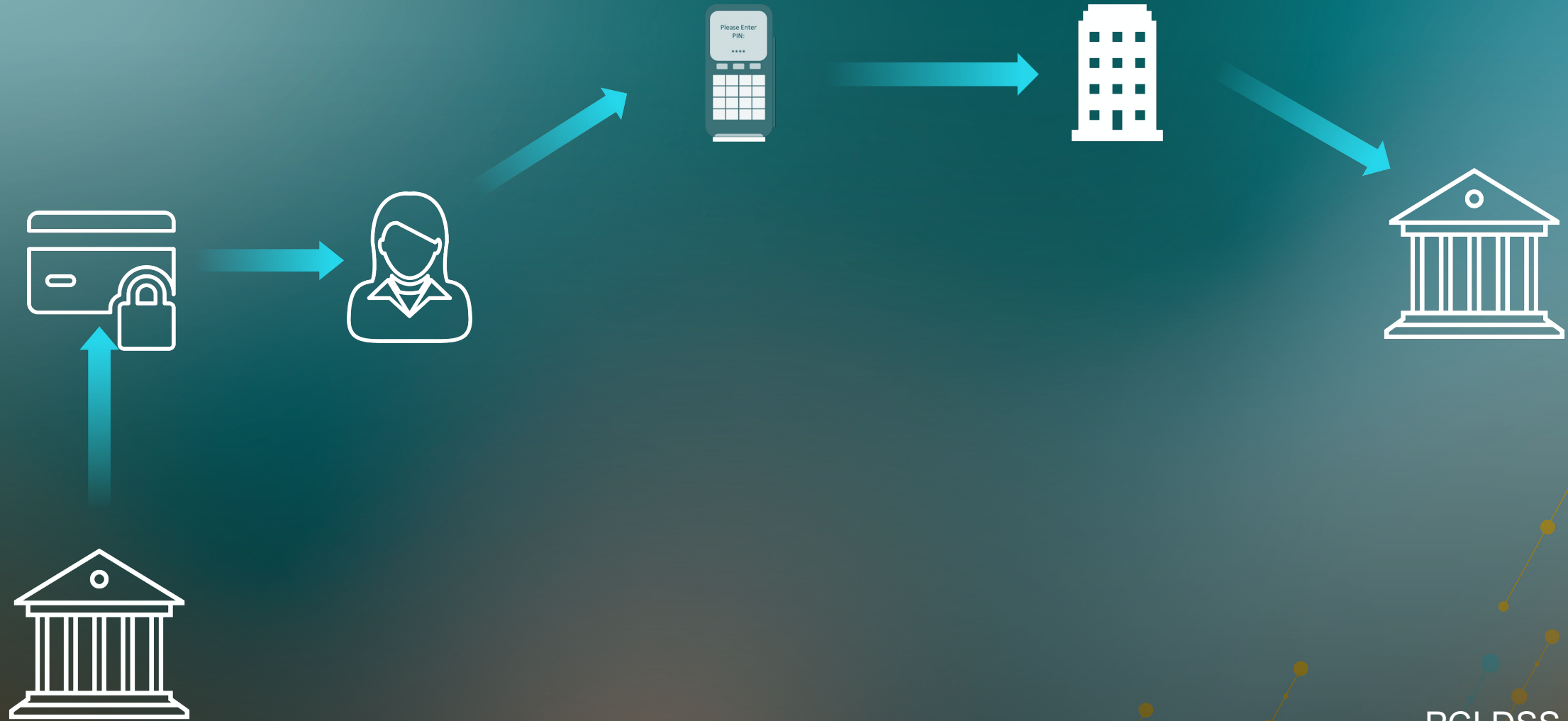
v1 Major revision (with version #) ▲ Minor or other revision





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

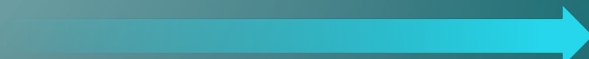
PCI PTS POI



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



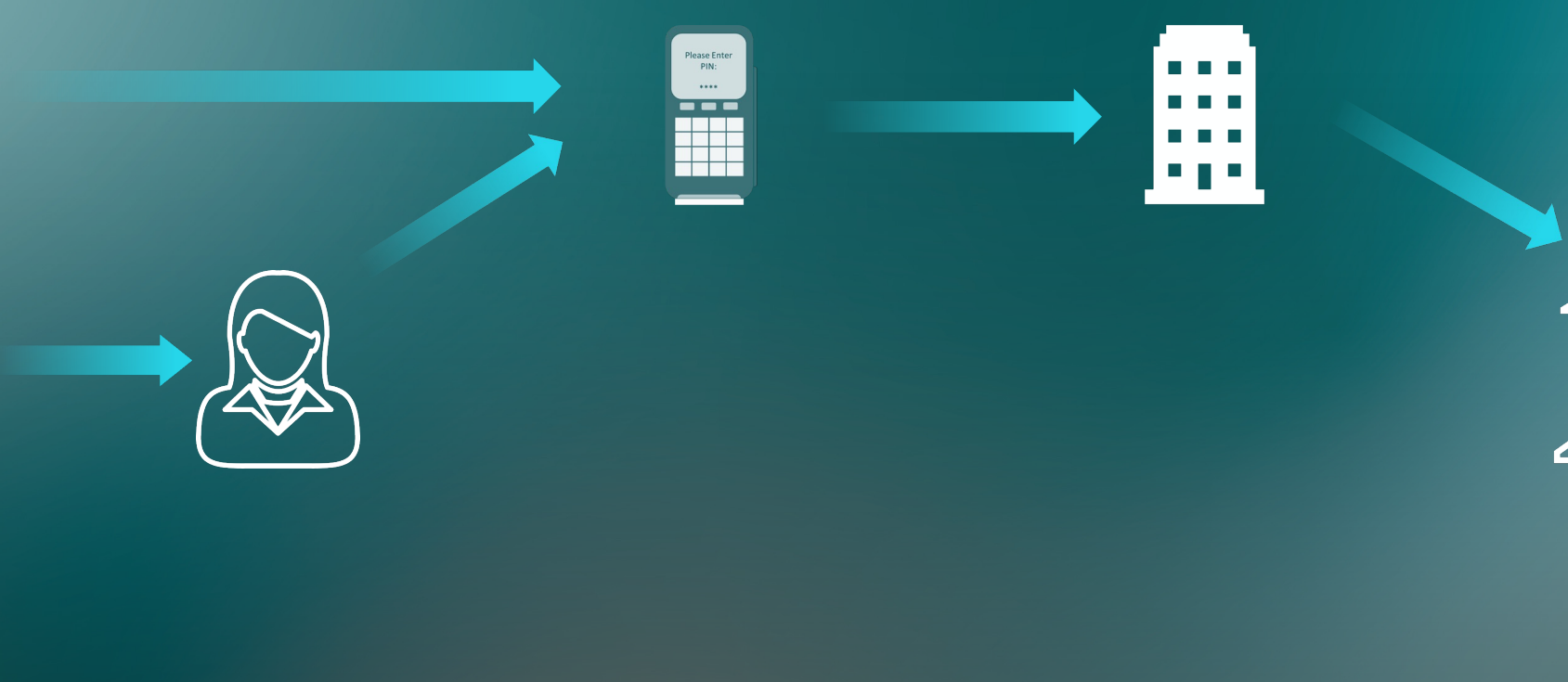
PCI HSM

PCI DSS

All entities that store/process/transmit payment data



PCI Card Production Logical
PCI Card Production Physical



PCI PIN



PCI PTS POI



PCI HSM

PCI DSS

All entities that store/process/transmit payment data



PCI Card Production Logical
PCI Card Production Physical



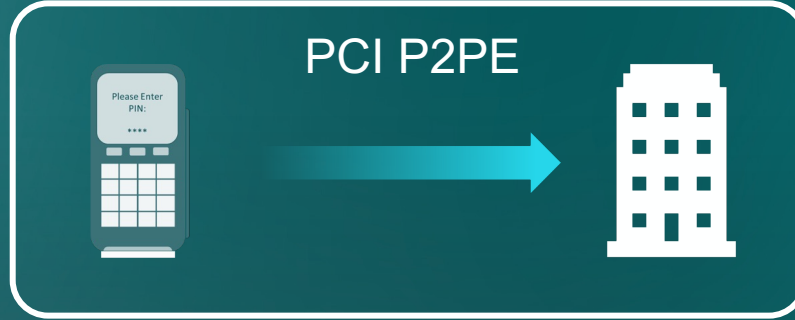
PCI Secure Software
PCI Secure Software Lifecycle



PCI PIN



PCI PTS POI



PCI HSM

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



PCI Card Production Logical
PCI Card Production Physical

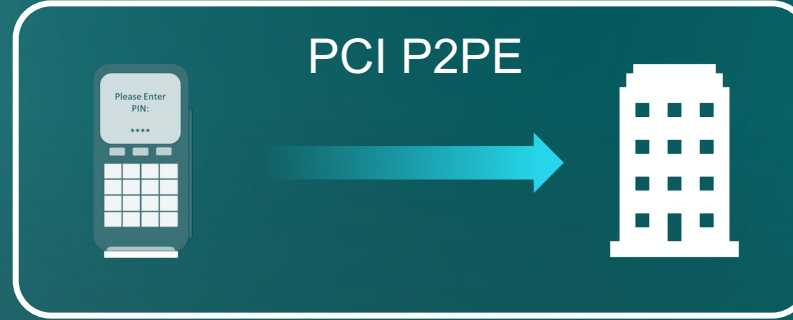


PCI Secure Software
PCI Secure Software Lifecycle

PCI PIN



PCI PTS POI



PCI 3DS SDK



PCI 3DS Core
PCI TSP



PCI HSM

PCI DSS

All entities that
store/process/transmit
payment data

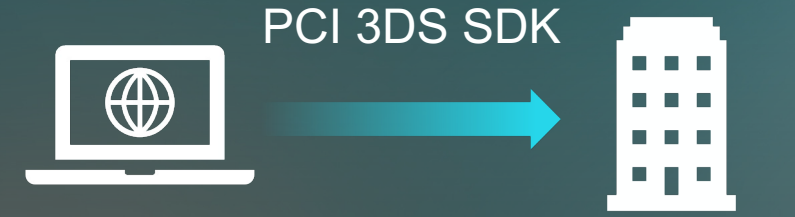
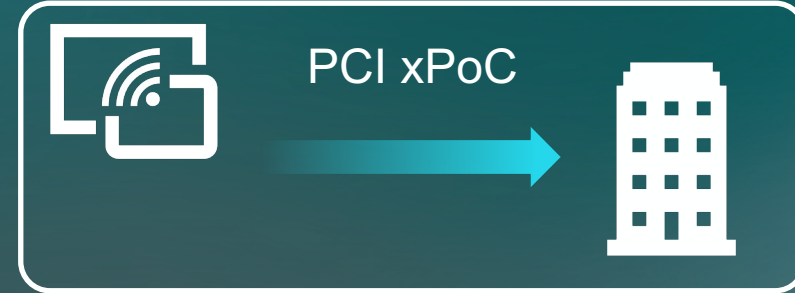
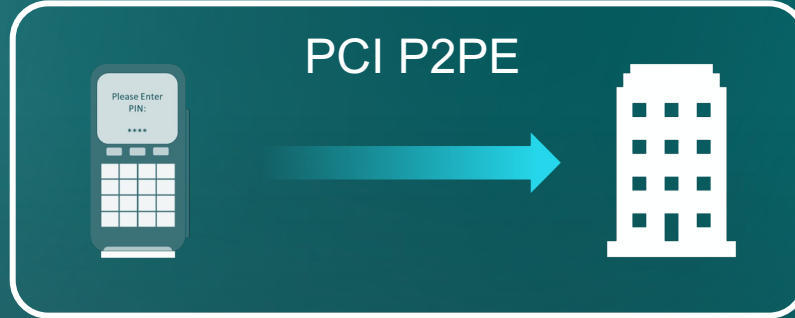
PCI Card Production Logical
PCI Card Production Physical

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
RD	8	Glenmont
RD	8	Glenmont
RD	6	Glenmont

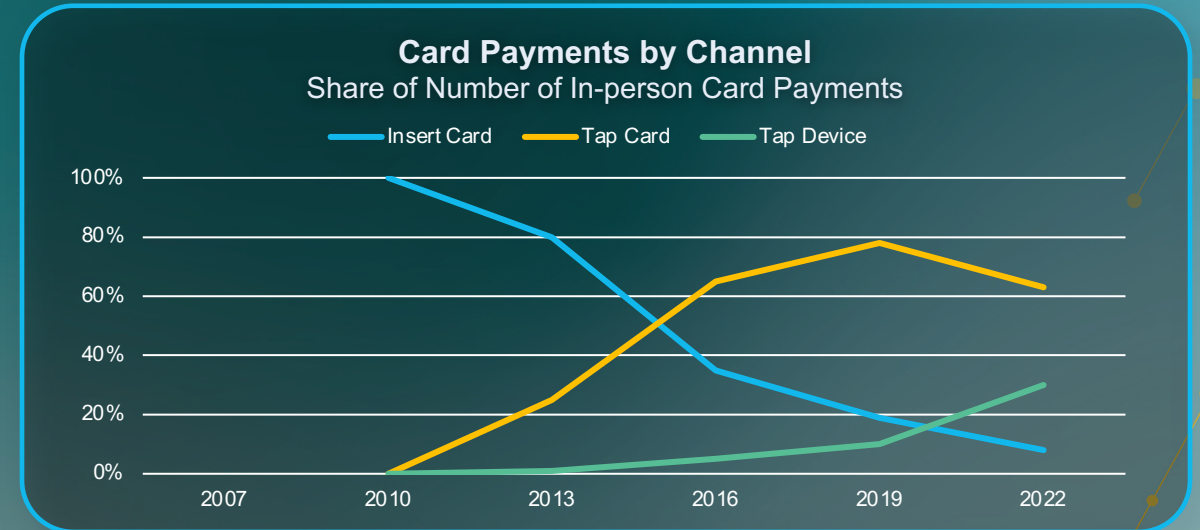
Where Next?

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

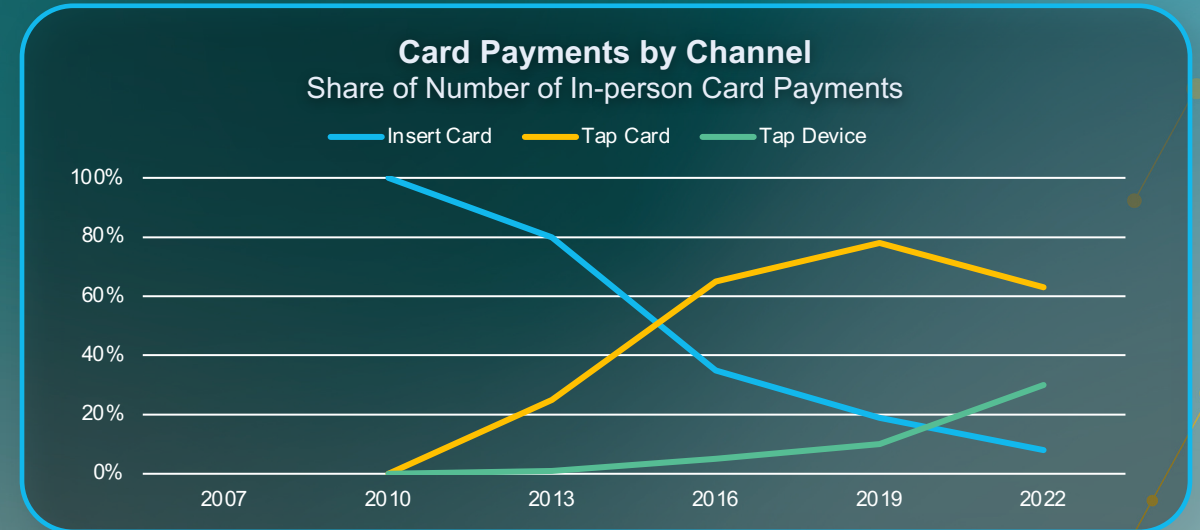
Payments Are Changing

- 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

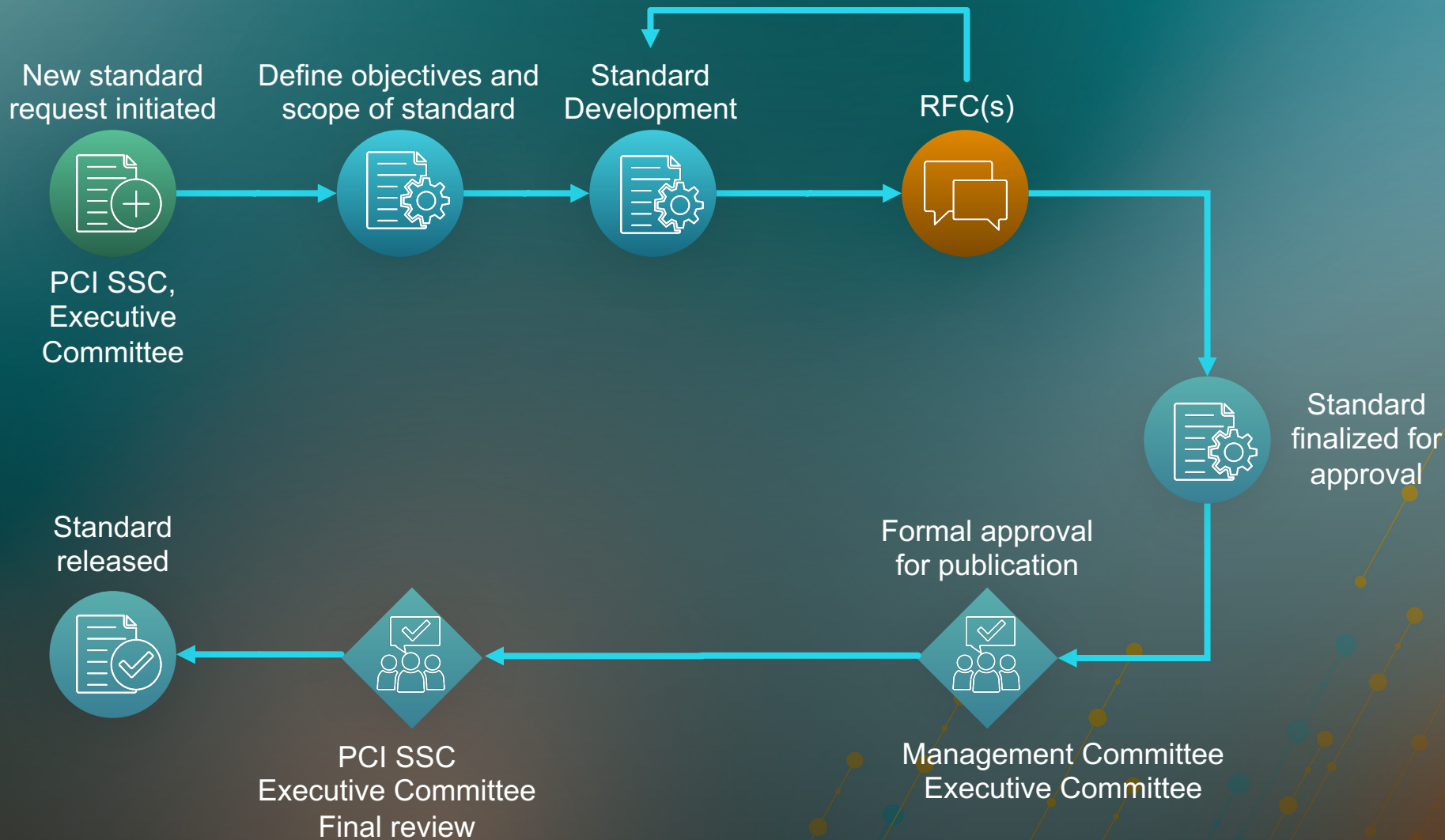


Payments Are Changing

- 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



We Are Changing



We Are Changing

Roadmap Roundtable Group



New standard request initiated



PCI SSC, Executive Committee

Define objectives and scope of standard



Standard Development



RFC(s)



Standard finalized for approval



Formal approval for publication



Management Committee Executive Committee

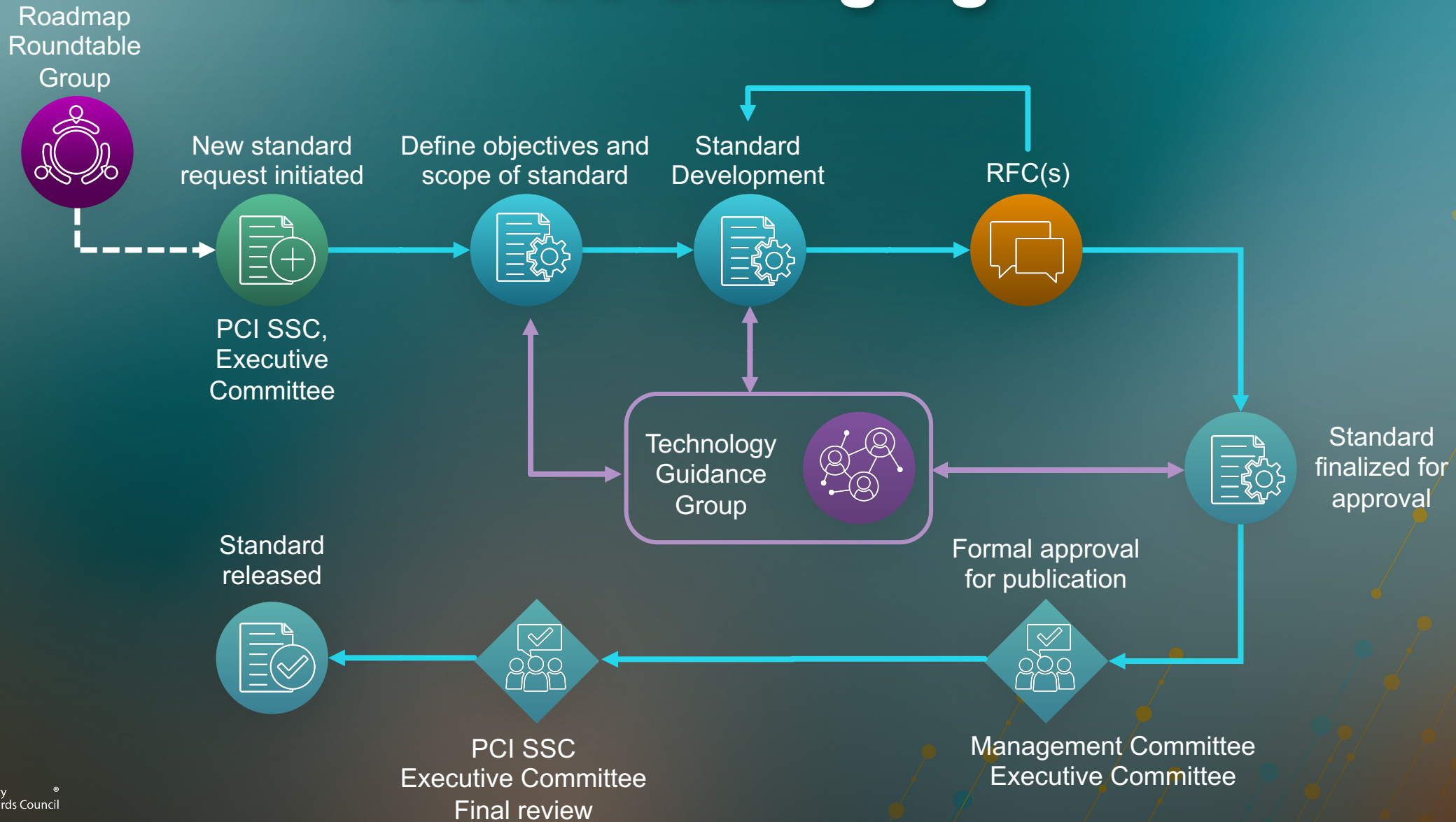
Standard released



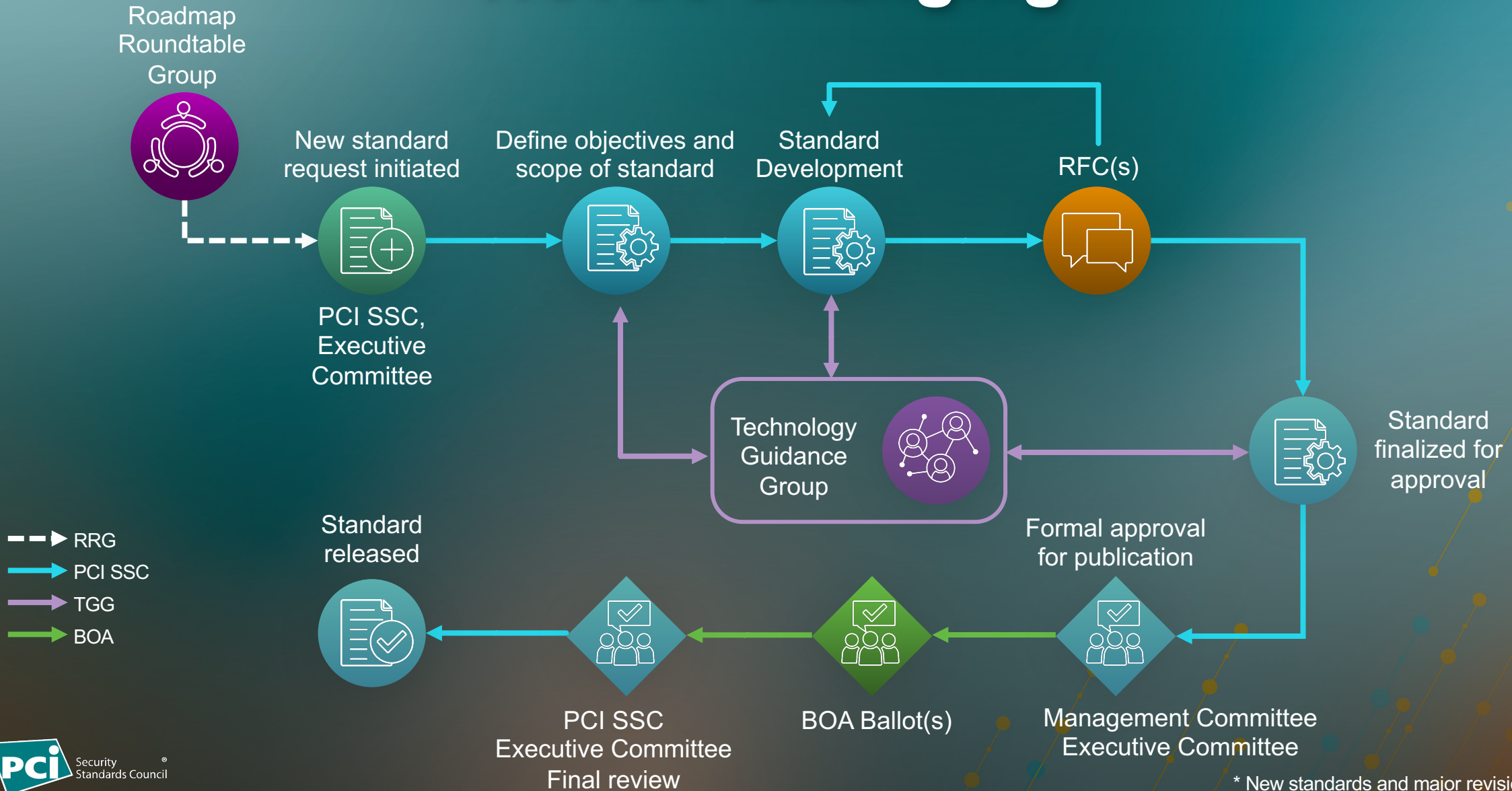
PCI SSC Executive Committee Final review



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?



DSN 378

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
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	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	
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	
PCI Secure Software	
PCI Secure Software Lifecycle	
PCI MPoC	
PCI POI	
PCI HSM	
PCI PIN	
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	
PCI HSM	
PCI PIN	
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

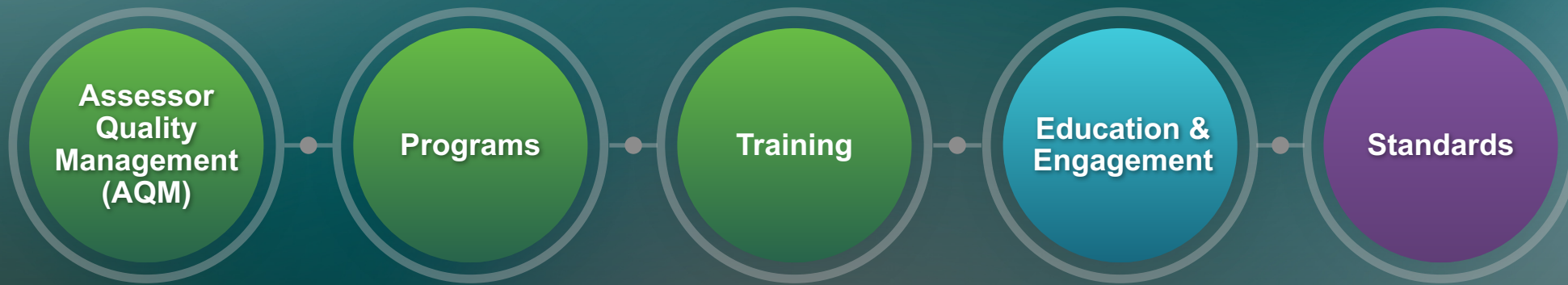
How Are We Getting There?





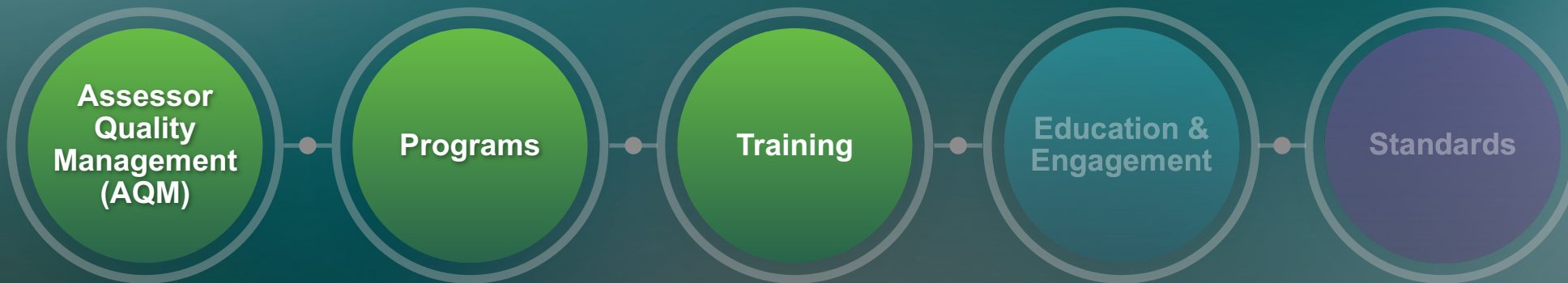
Trains!

The Folks on the Trolley



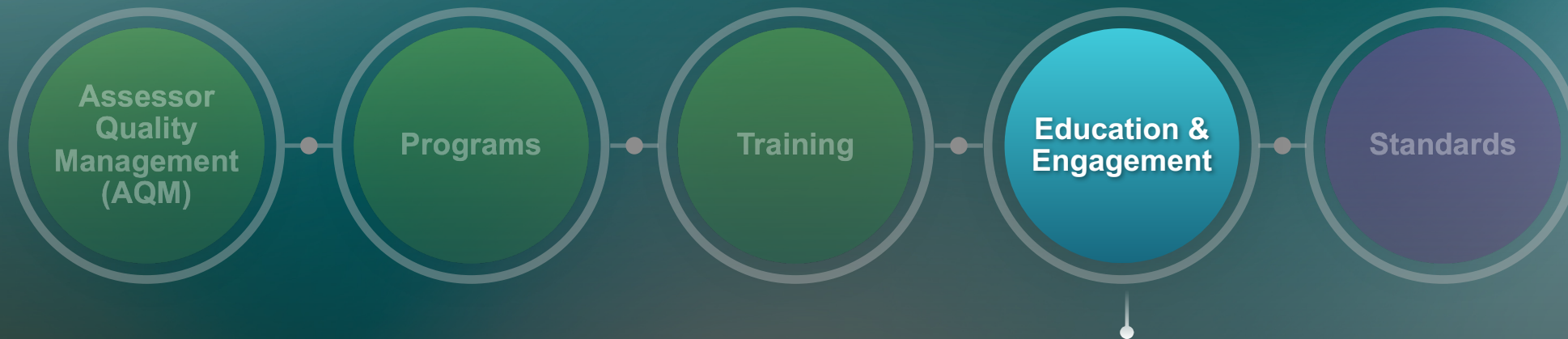
The Folks on the Trolley

Operations



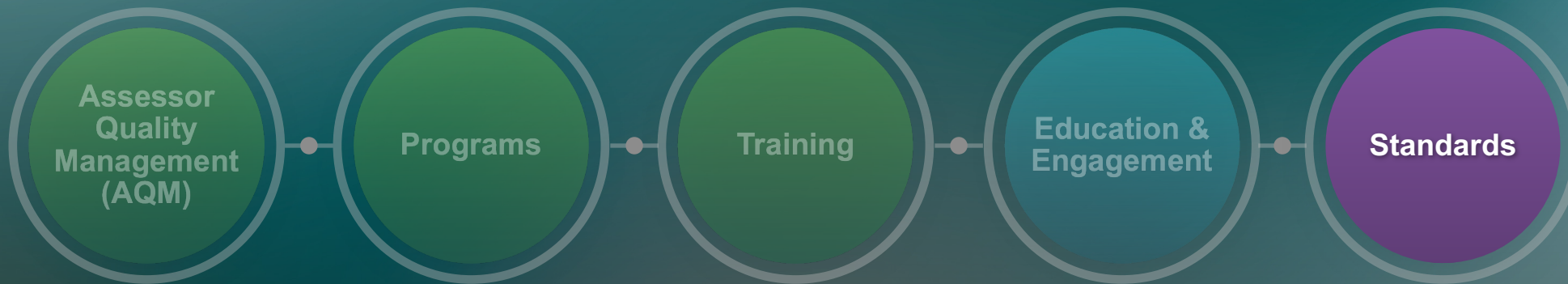
- ROC and ROV reviews
- Program Guides, Qualification Requirements
- Professional and Assessor training and certification

The Folks on the Trolley



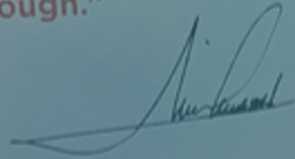
- Podcasts, social media, blog, and newsletters
- Community outreach, information sessions
- Speaking events and webinars

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
MPH

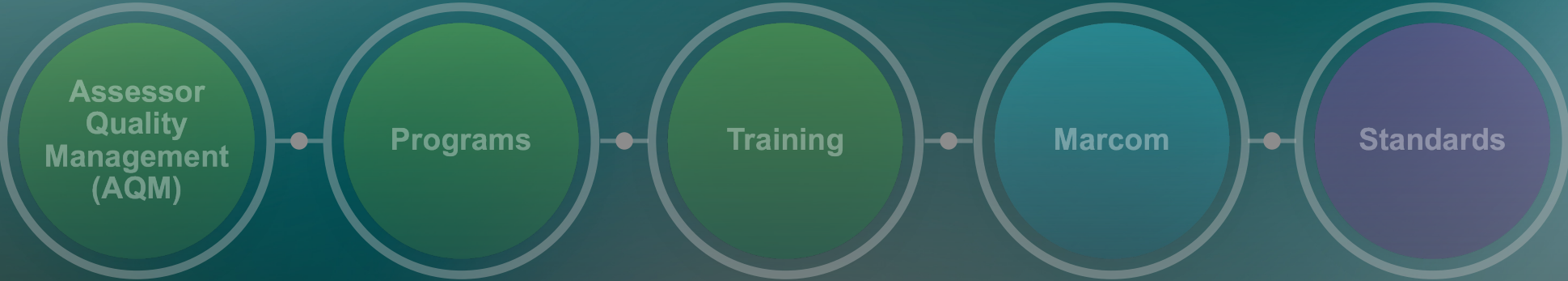


Which Brings Us To Automobiles



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 in the center of a conference room, addressing a group of people seated at long tables. The man is holding a microphone and pointing towards the right, while the woman stands beside him, also holding a microphone. The audience members are looking towards the presenters, some with laptops open. The room has a modern aesthetic with large windows in the background and a patterned carpet. The text "Because it's dangerous to go alone..." is overlaid in white on the image.

Because it's dangerous to go alone...