RSAConference2020

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HUMAN ELEMENT

SESSION ID: PART1-W09

Welcome to Digiville

Navigating risk in the digital world

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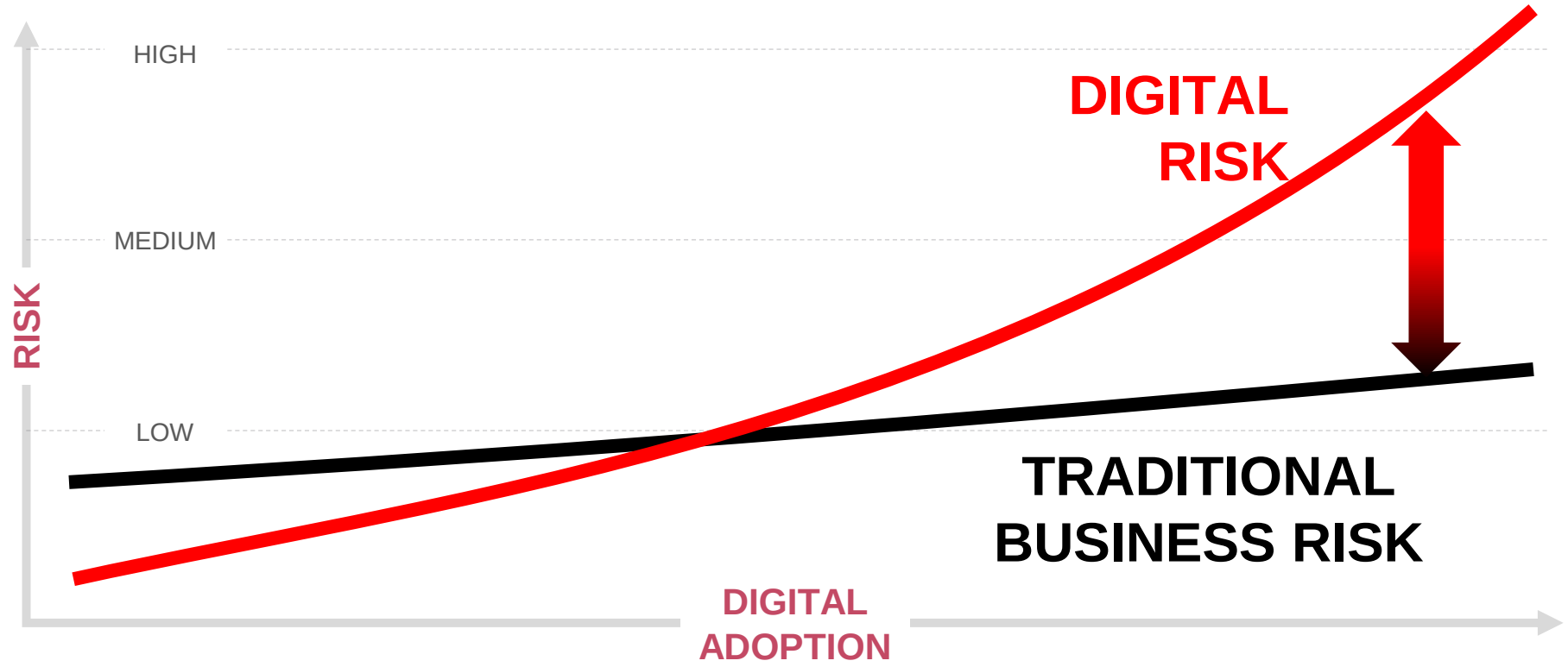
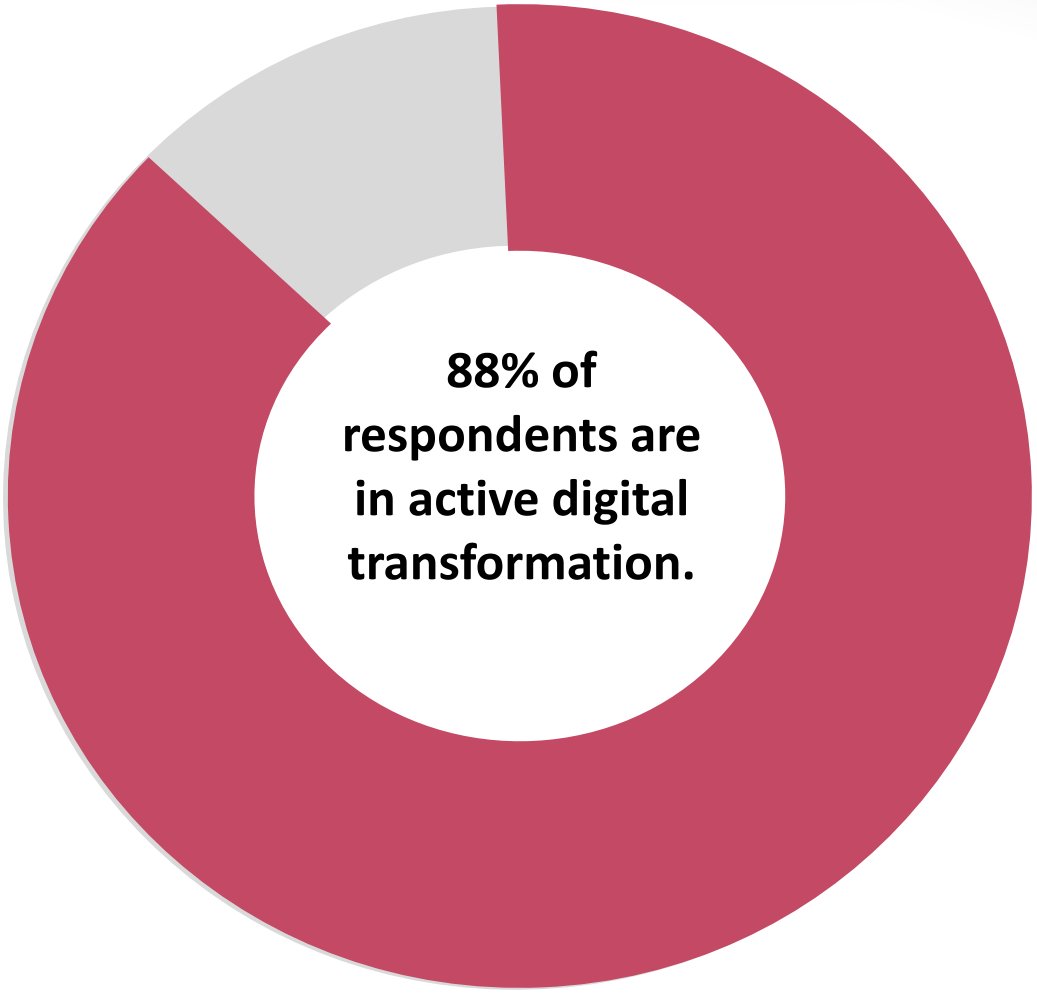
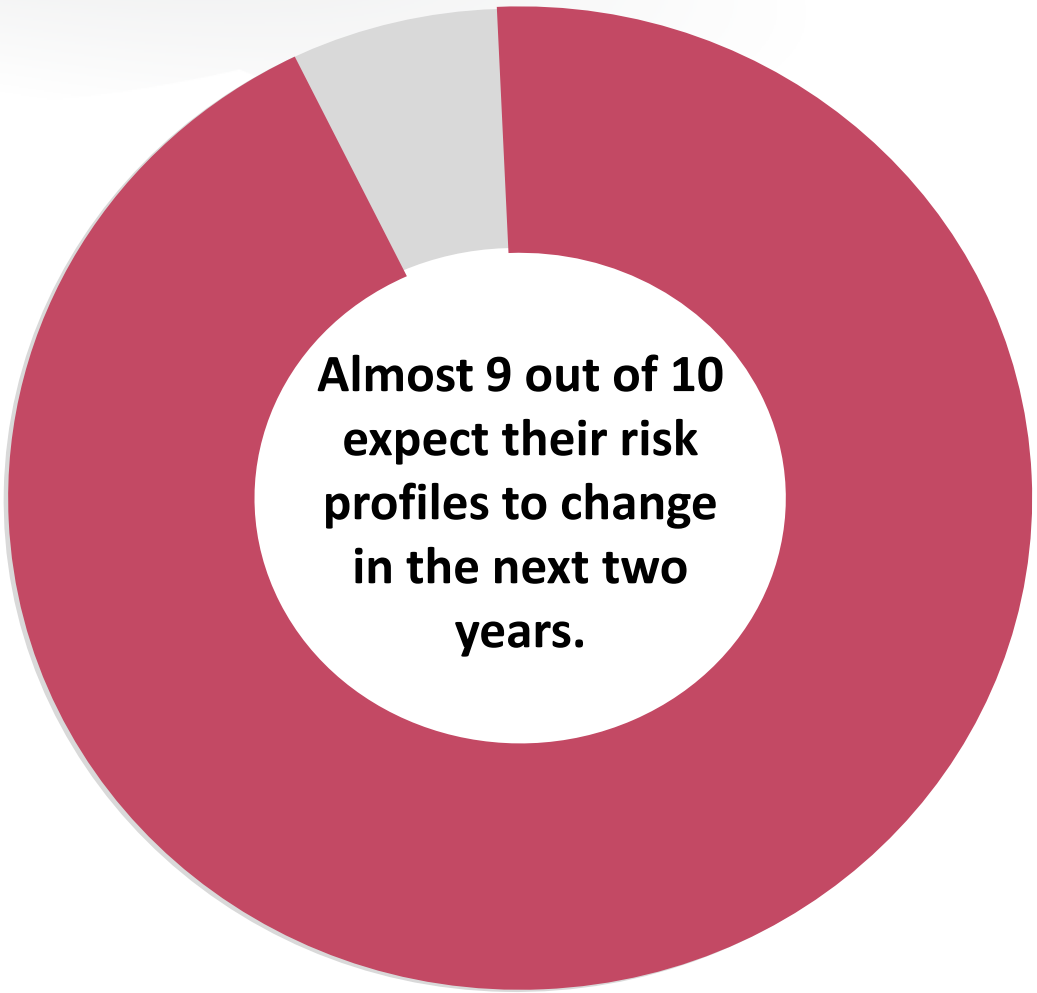
WHAT IS DIGITAL RISK?

The greatest facet of risk that businesses face…







Source: RSA Digital Risk Report (First edition)

INCREASED COLLABORATION

RSA

Importance of Security-Risk Collaboration

To what extent do you agree with this statement? *The security and risk teams in an organization need to work together in a coordinated way (such as sharing data or planning processes together) to effectively manage the risks that may emerge or increase due to their organization's digital transformation.*	**Percentage of Respondents**
Strongly agree	56.2%
Somewhat agree	36.5%
Neither agree nor disagree	6.5%
Somewhat disagree	0.5%
Strongly disagree	0.2%
Don't know	0.2%

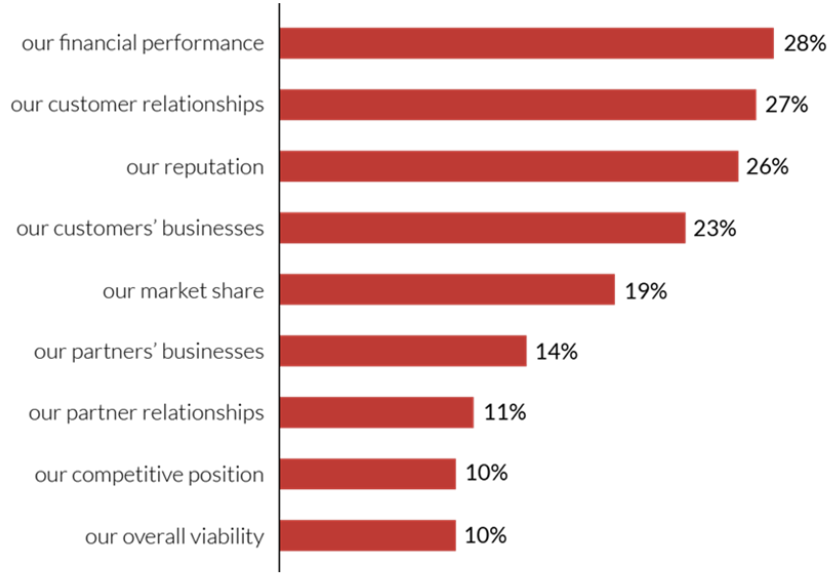
n=600

North America Results

Note: Results may not sum to 100% due to rounding.

Consequences and Steps Taken

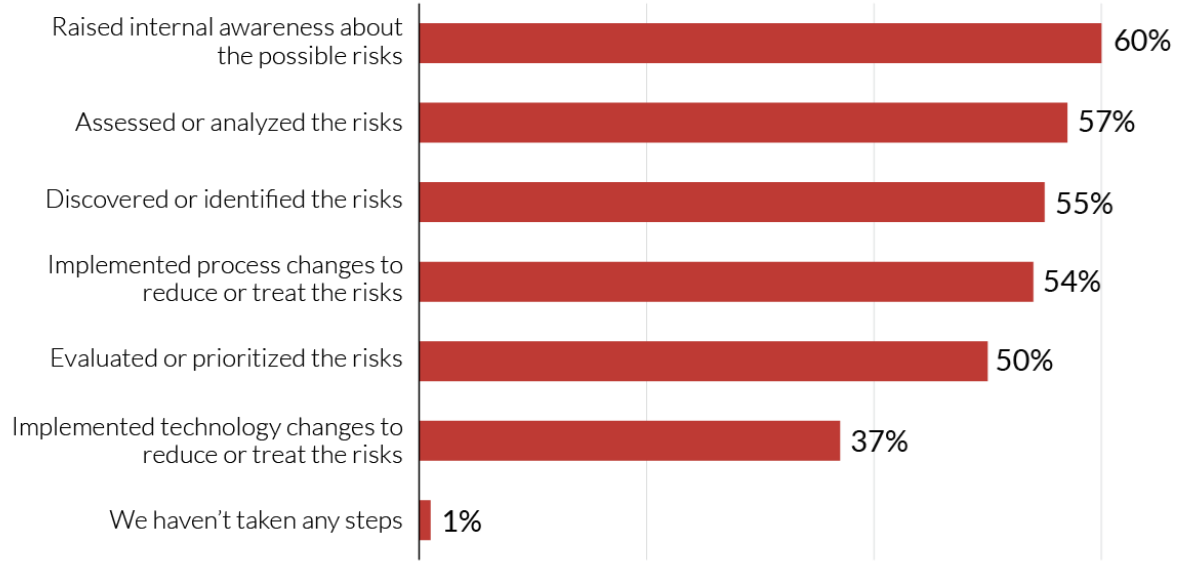
Negative Impacts of Unmanaged Digital Risk



"If your organization was unable to sufficiently manage its digital risks (the risks that may emerge or increase due to your digital transformation), which of the following possible consequences would you be most concerned about? Select up to two."

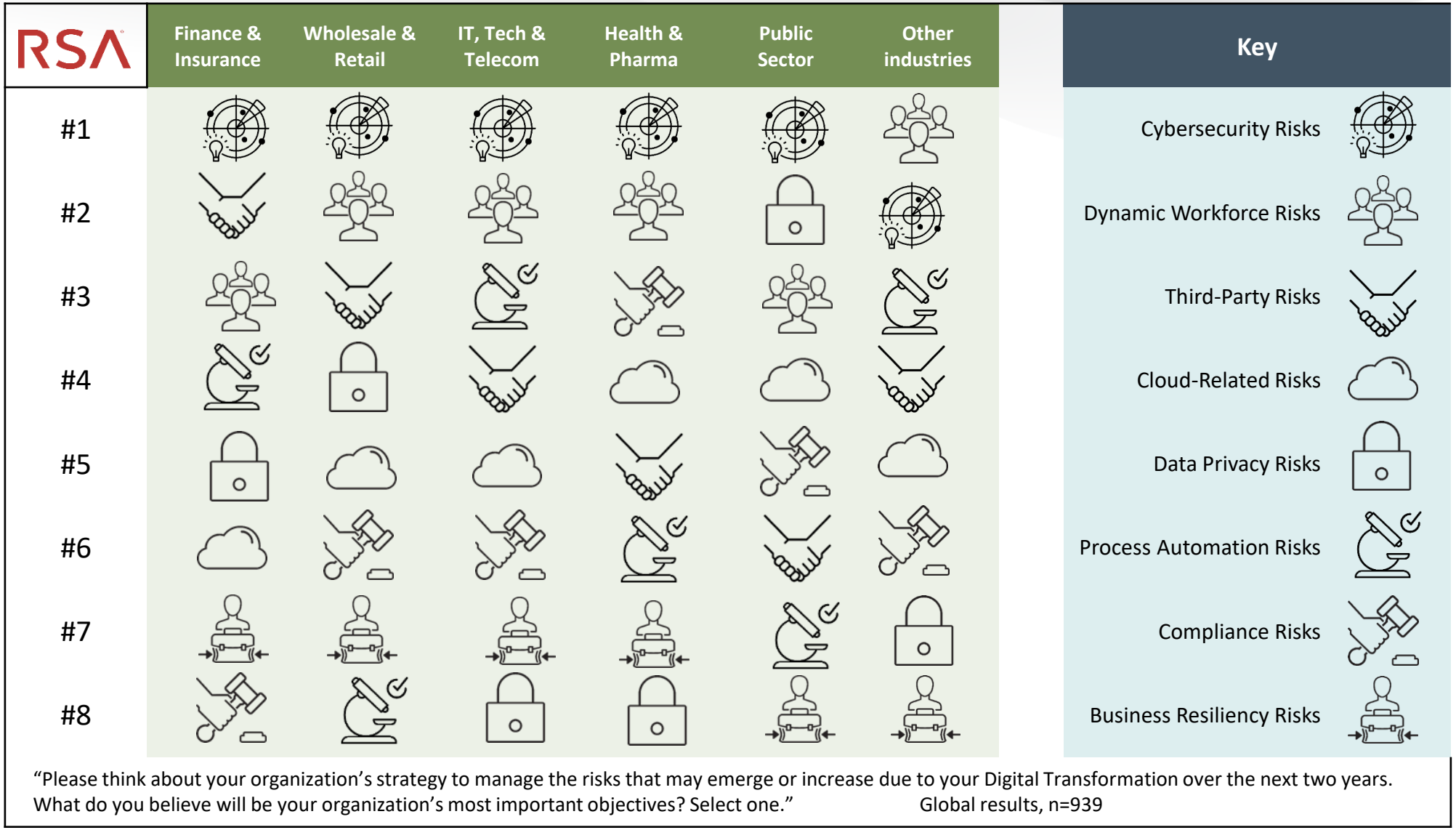
n=600 North America Results

Steps Taken to Manage Digital Risks



"What steps has your organization already taken to manage the risks that have emerged or increased as a result of your digital transformation? Select all that apply."

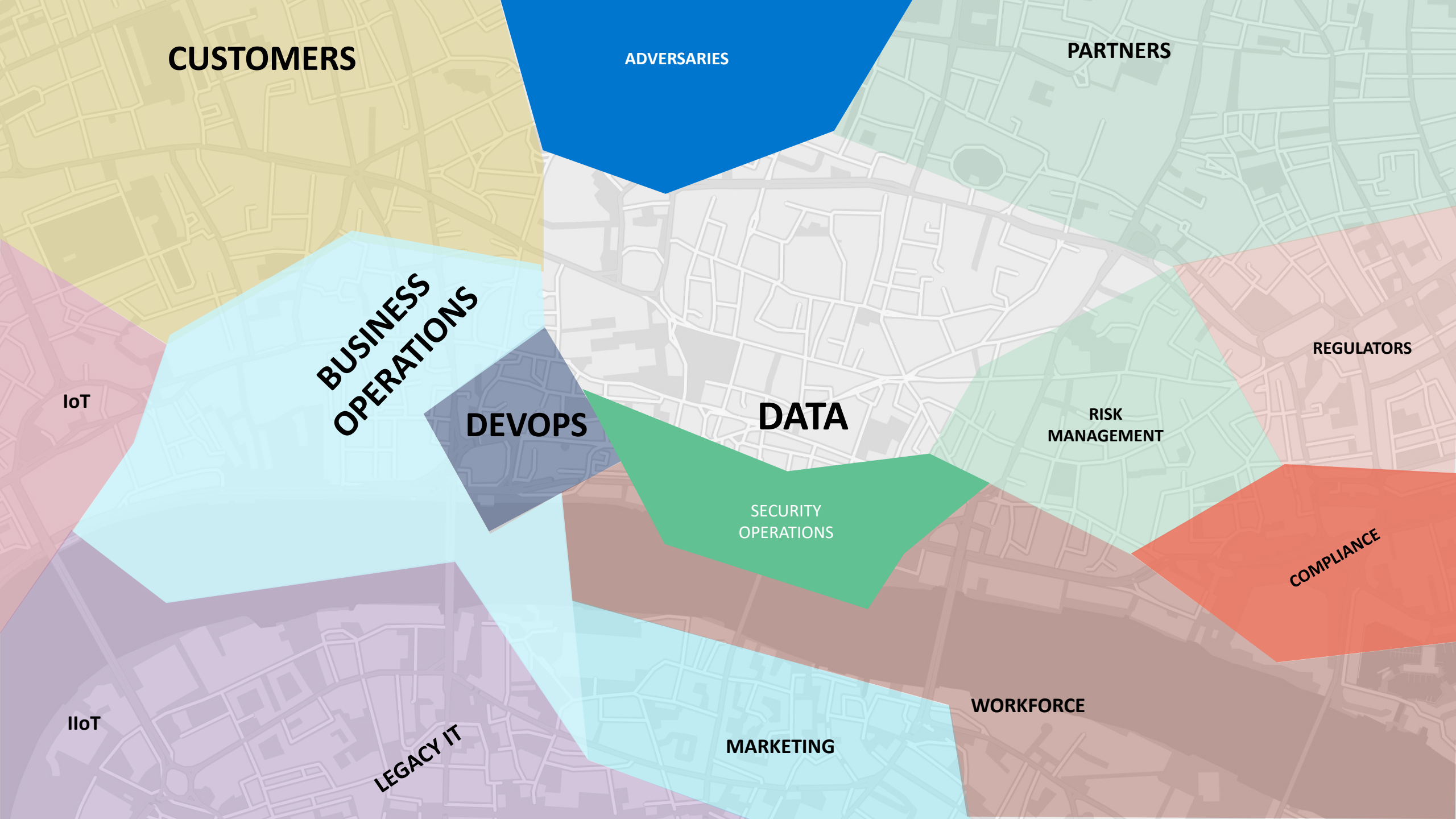
n=583 North America Results



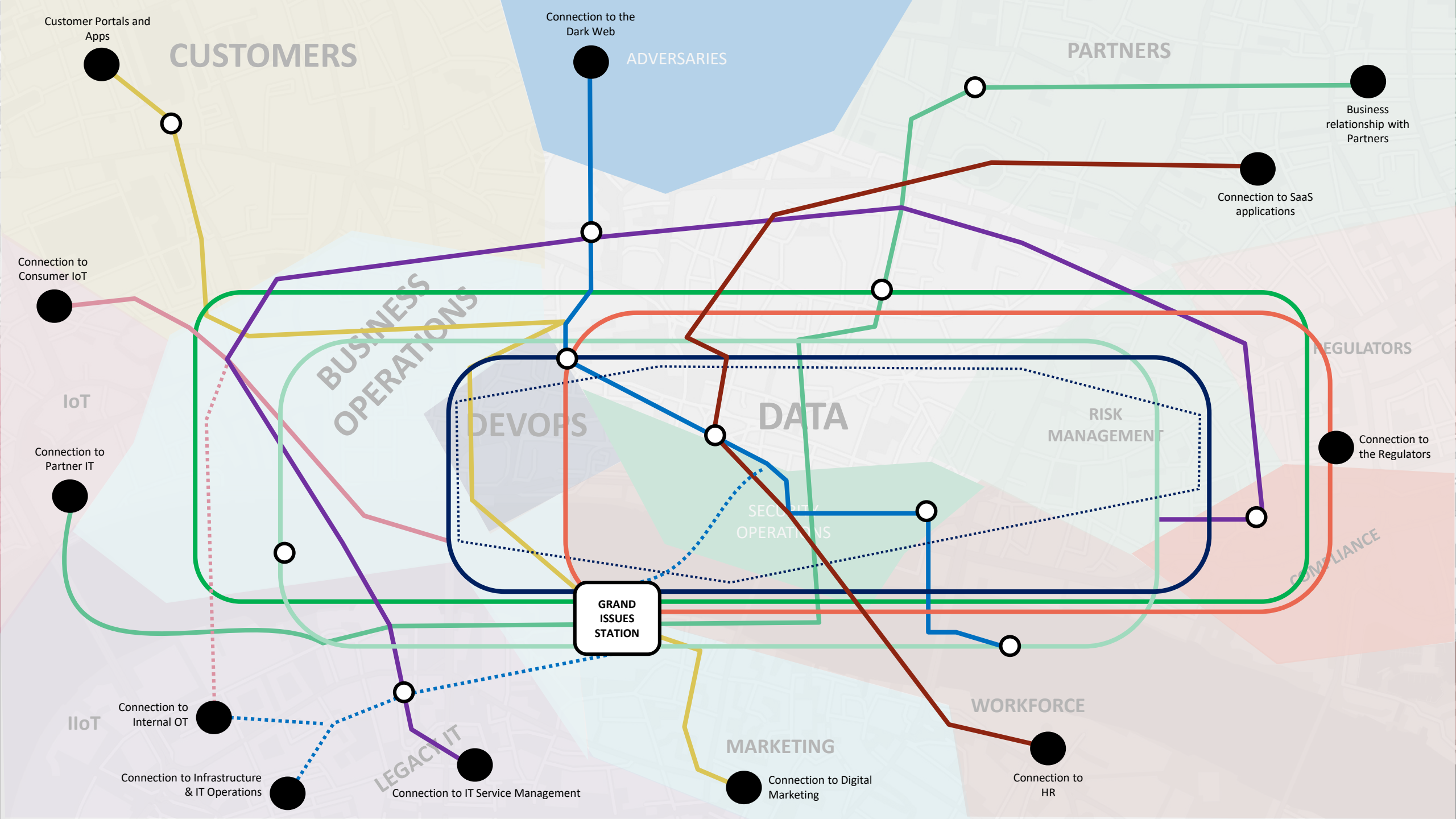
"Please think about your organization's strategy to manage the risks that may emerge or increase due to your Digital Transformation over the next two years. What do you believe will be your organization's most important objectives? Select one." Global results, n=939

Source: RSA Digital Risk Study (global results)

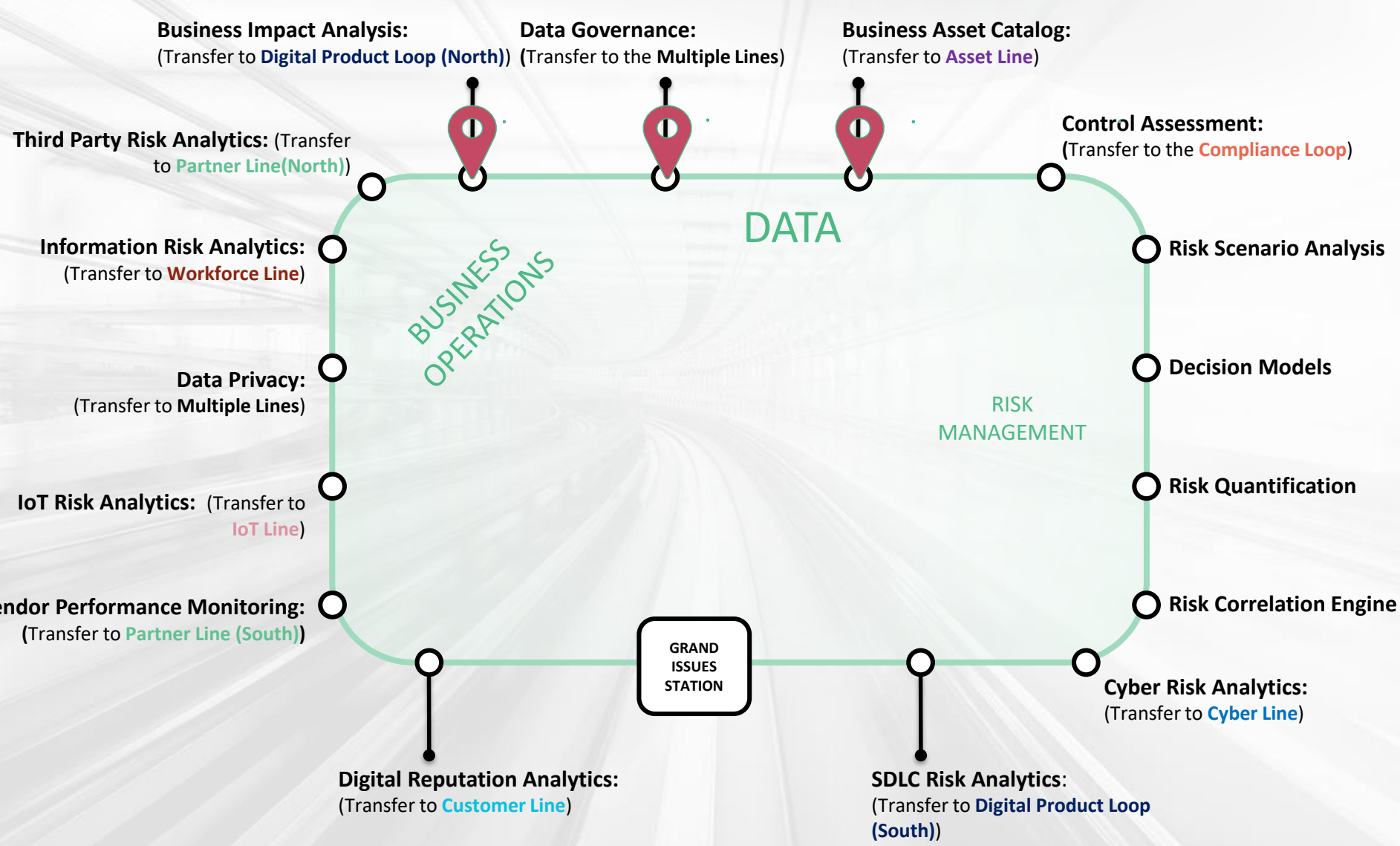
Welcome
TO
DIGIVILLE
Where Data Comes to Feel Safe
Population: 10621 TB
Home of the Bytes (2017 State Football Champions)


CUSTOMERS
ADVERSARIES
PARTNERS
BUSINESS OPERATIONS
DEVOPS
DATA
REGULATORS
IoT
RISK MANAGEMENT
SECURITY OPERATIONS
COMPLIANCE
WORKFORCE
IIoT
LEGACY IT
MARKETING

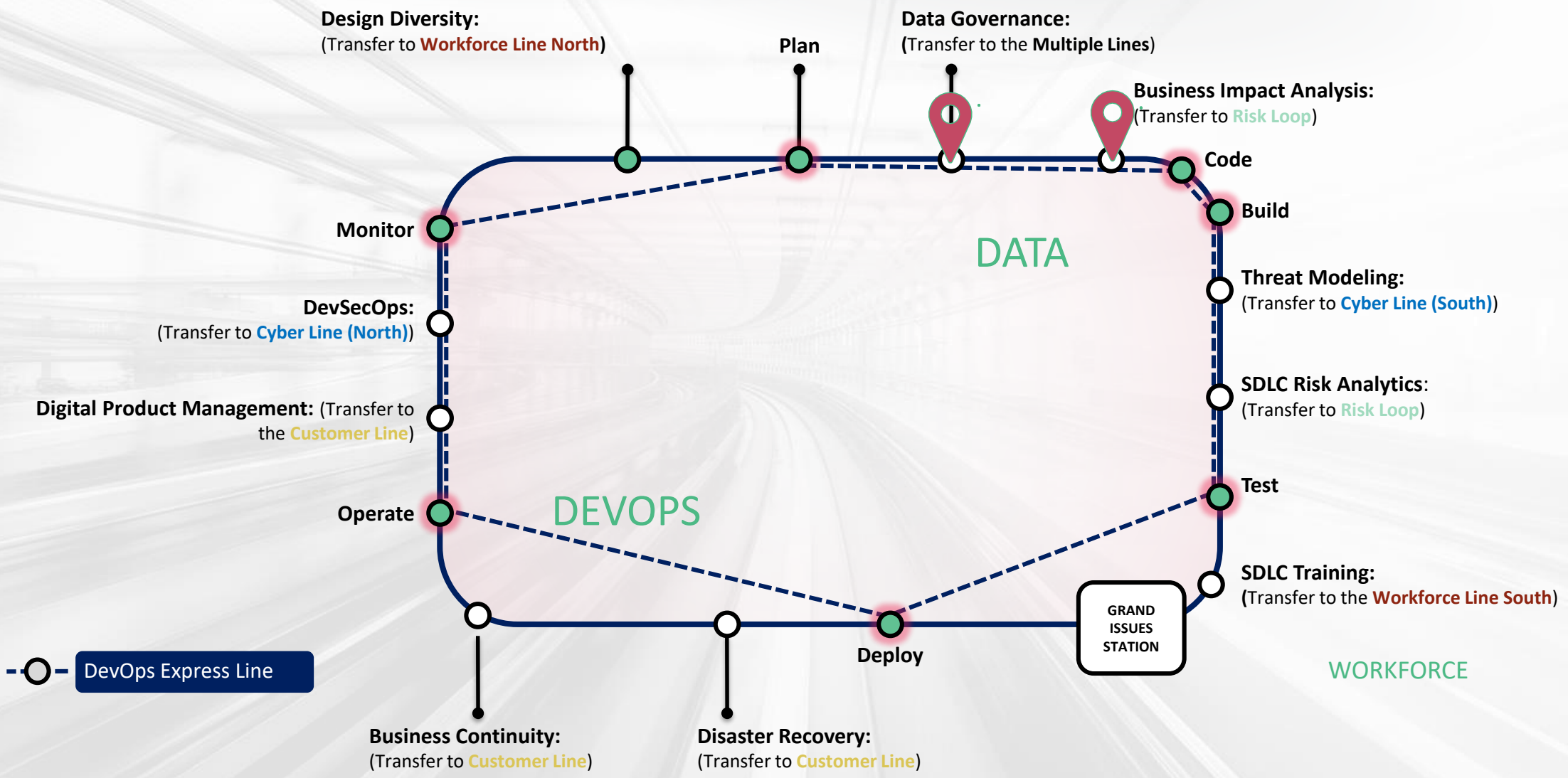
THE
DRM
TRANSIT
AUTHORITY
WE CAN GET YOU
THERE.


Customer Portals and Apps
CUSTOMERS
Connection to the Dark Web
ADVERSARIES
PARTNERS
Business relationship with Partners
Connection to SaaS applications
Connection to Consumer IoT
BUSINESS OPERATIONS
REGULATORS
IoT
DEVOPS
DATA
RISK MANAGEMENT
Connection to Partner IT
Connection to the Regulators
SECURITY OPERATIONS
COMPLIANCE
GRAND ISSUES STATION
IIoT
Connection to Internal OT
WORKFORCE
LEGACY IT
MARKETING
Connection to Infrastructure & IT Operations
Connection to IT Service Management
Connection to Digital Marketing
Connection to HR

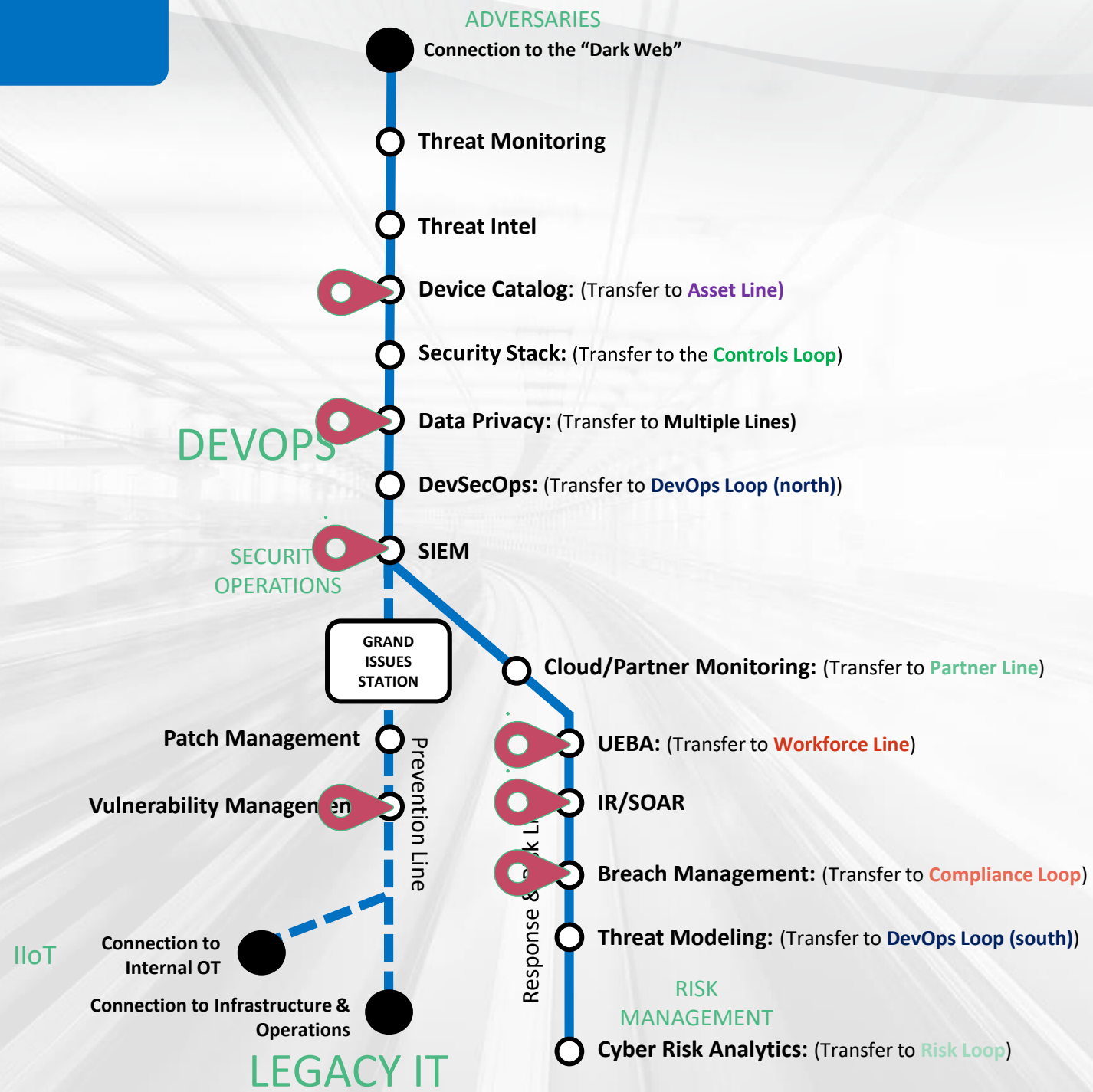
RISK LOOP


Business Impact Analysis:
(Transfer to Digital Product Loop (North))
Data Governance:
(Transfer to the Multiple Lines)
Business Asset Catalog:
(Transfer to Asset Line)
Third Party Risk Analytics: (Transfer to Partner Line(North))
Control Assessment:
(Transfer to the Compliance Loop)
DATA
Information Risk Analytics:
(Transfer to Workforce Line)
BUSINESS OPERATIONS
Risk Scenario Analysis
Data Privacy:
(Transfer to Multiple Lines)
Decision Models
RISK MANAGEMENT
IoT Risk Analytics: (Transfer to IoT Line)
Risk Quantification
Vendor Performance Monitoring:
(Transfer to Partner Line (South))
Risk Correlation Engine
GRAND ISSUES STATION
Cyber Risk Analytics:
(Transfer to Cyber Line)
Digital Reputation Analytics:
(Transfer to Customer Line)
SDLC Risk Analytics:
(Transfer to Digital Product Loop (South))

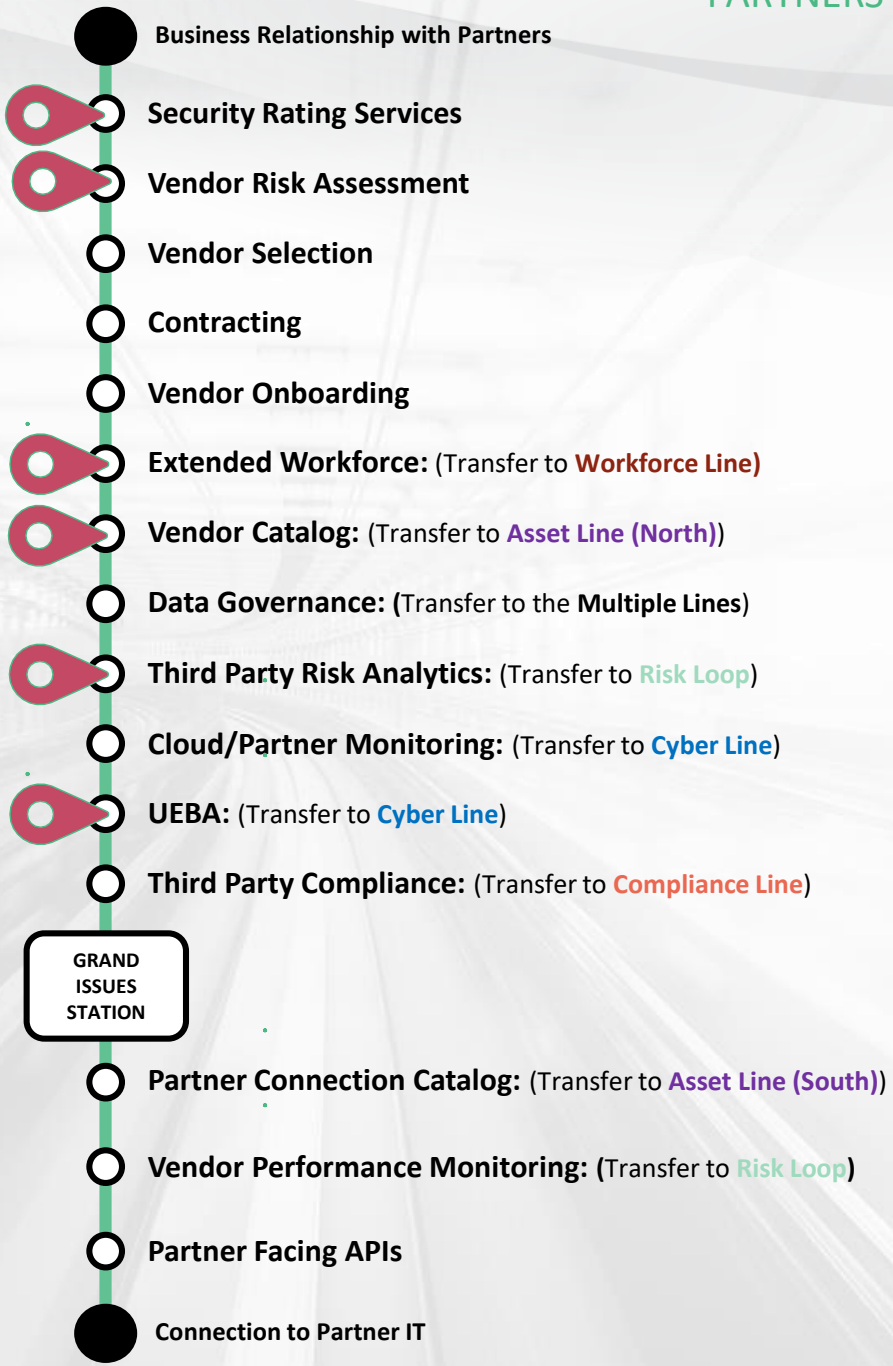
DIGITAL PRODUCT LOOP

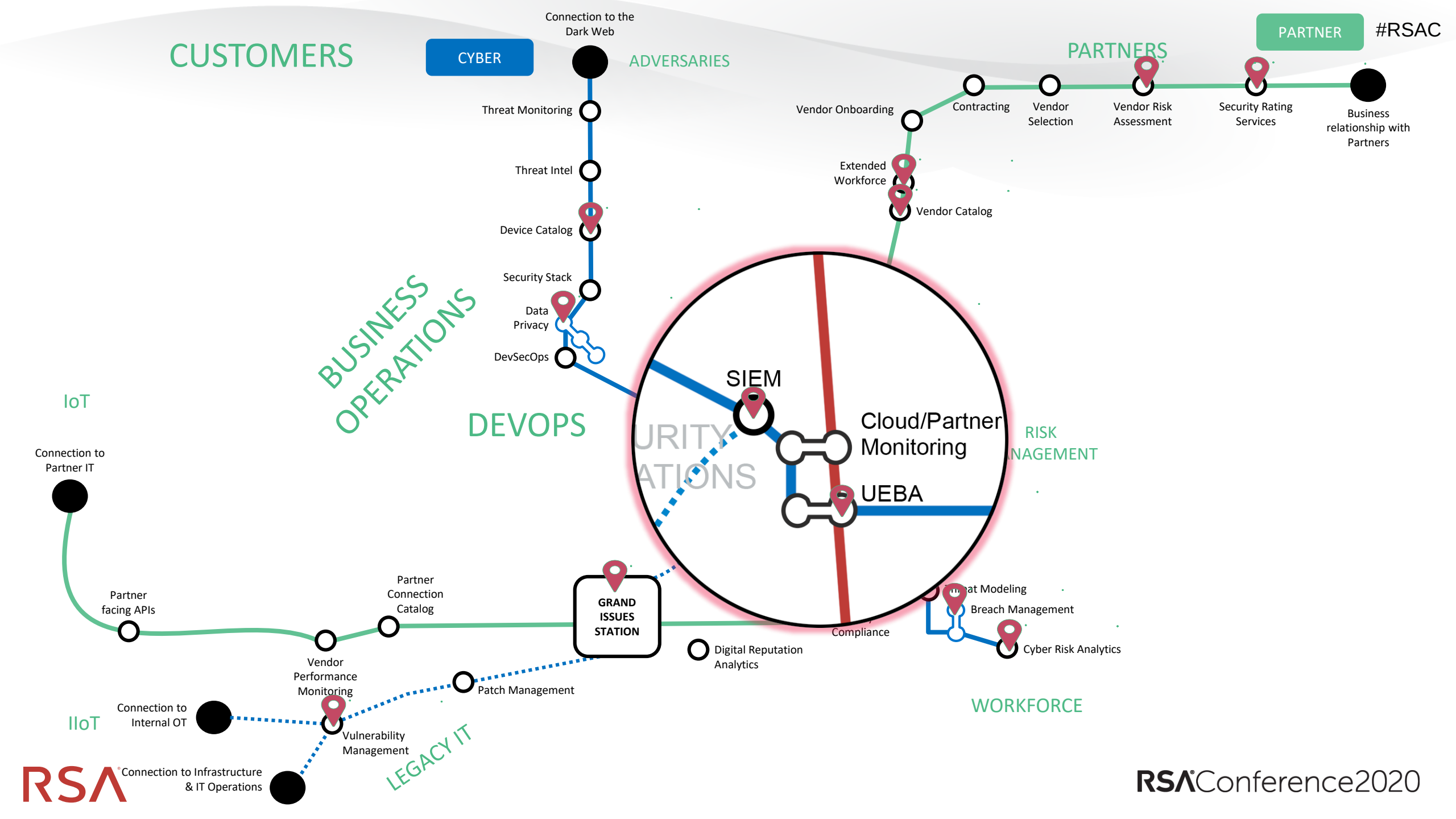


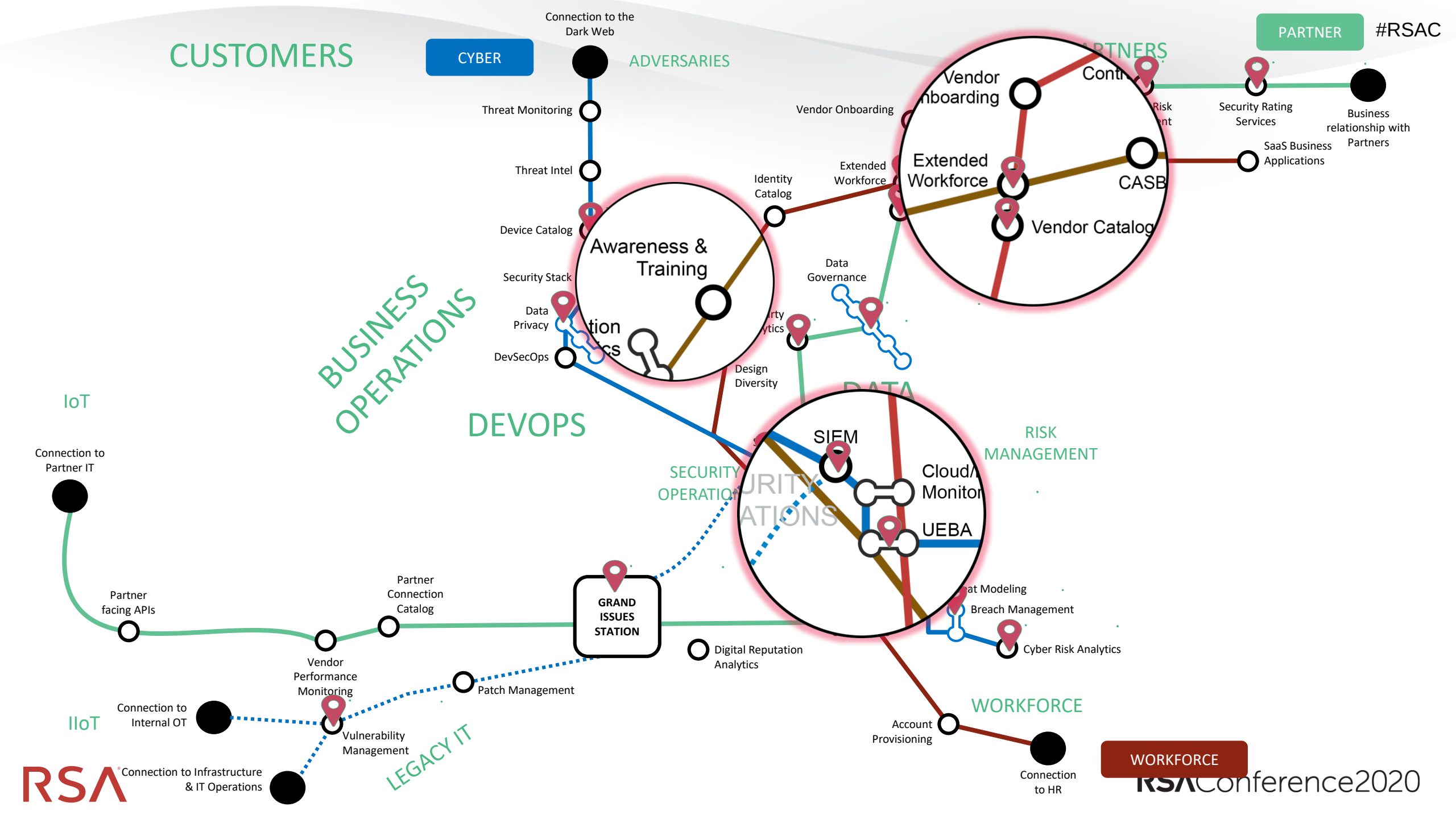
CYBER LINE


ADVERSARIES
Connection to the "Dark Web"
Threat Monitoring
Threat Intel
Device Catalog: (Transfer to Asset Line)
Security Stack: (Transfer to the Controls Loop)
DEVOPS
Data Privacy: (Transfer to Multiple Lines)
DevSecOps: (Transfer to DevOps Loop (north))
SECURITY OPERATIONS
SIEM
GRAND ISSUES STATION
Cloud/Partner Monitoring: (Transfer to Partner Line)
Patch Management
Vulnerability Management
Prevention Line
UEBA: (Transfer to Workforce Line)
IR/SOAR
Response & Risk Line
Breach Management: (Transfer to Compliance Loop)
Threat Modeling: (Transfer to DevOps Loop (south))
IIoT
Connection to Internal OT
RISK MANAGEMENT
Connection to Infrastructure & Operations
Cyber Risk Analytics: (Transfer to Risk Loop)
LEGACY IT

PARTNER LINE




CUSTOMERS
CYBER
Connection to the Dark Web
ADVERSARIES
PARTNER
#RSAC
PARTNERS
Threat Monitoring
Threat Intel
Device Catalog
Security Stack
Data Privacy
DevSecOps
Vendor Onboarding
Contracting
Vendor Selection
Vendor Risk Assessment
Security Rating Services
Business relationship with Partners
Extended Workforce
Vendor Catalog
BUSINESS OPERATIONS
DEVOPS
SIEM
Cloud/Partner Monitoring
UEBA
RISK MANAGEMENT
IoT
Connection to Partner IT
Partner facing APIs
Partner Connection Catalog
GRAND ISSUES STATION
Digital Reputation Analytics
Compliance
Breach Management
Cyber Risk Analytics
Vendor Performance Monitoring
Patch Management
IIoT
Connection to Internal OT
Vulnerability Management
LEGACY IT
Connection to Infrastructure & IT Operations
WORKFORCE


CUSTOMERS
CYBER
Connection to the Dark Web
ADVERSARIES
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#RSAC
Threat Monitoring
Threat Intel
Device Catalog
Security Stack
Data Privacy
DevSecOps
Awareness & Training
Identity Catalog
Vendor Onboarding
Extended Workforce
Vendor Onboarding
Extended Workforce
CASB
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Security Rating Services
Business relationship with Partners
SaaS Business Applications
Data Governance
Design Diversity
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Connection to Internal OT
Vulnerability Management
Connection to Infrastructure & IT Operations
LEGACY IT
WORKFORCE
Account Provisioning
Connection to HR
WORKFORCE
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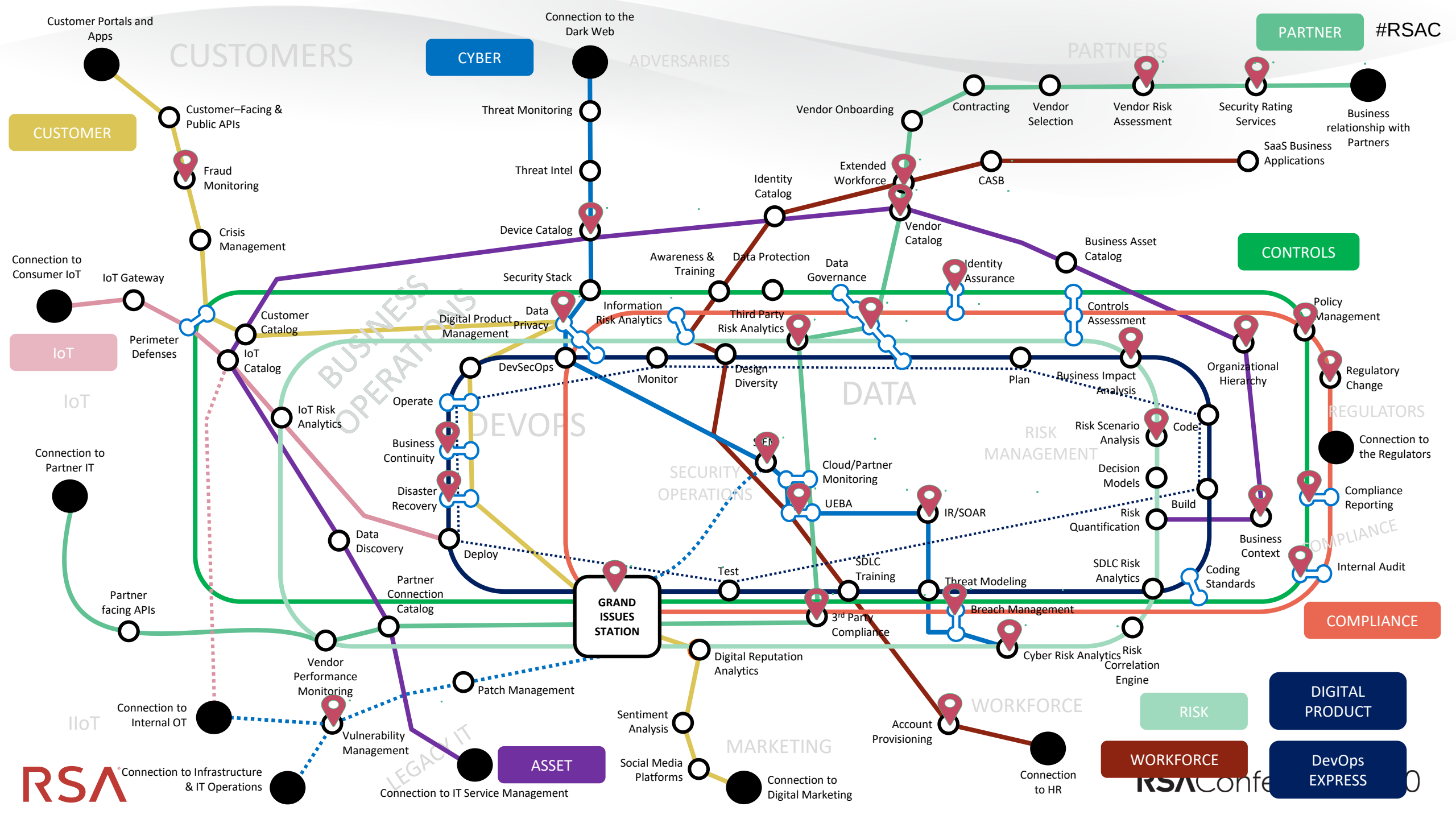

#RSAC
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IIoT
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DEVOPS
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MARKETING
LEGACY IT
ASSET
CONTROLS
COMPLIANCE
RISK
WORKFORCE
DIGITAL PRODUCT
DevOps EXPRESS
Customer Portals and Apps
Customer–Facing & Public APIs
Fraud Monitoring
Crisis Management
Connection to Consumer IoT
IoT Gateway
Perimeter Defenses
Customer Catalog
IoT Catalog
IoT Risk Analytics
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Operate
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Disaster Recovery
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Test
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Sentiment Analysis
Social Media Platforms
Connection to Digital Marketing
Account Provisioning
Connection to HR
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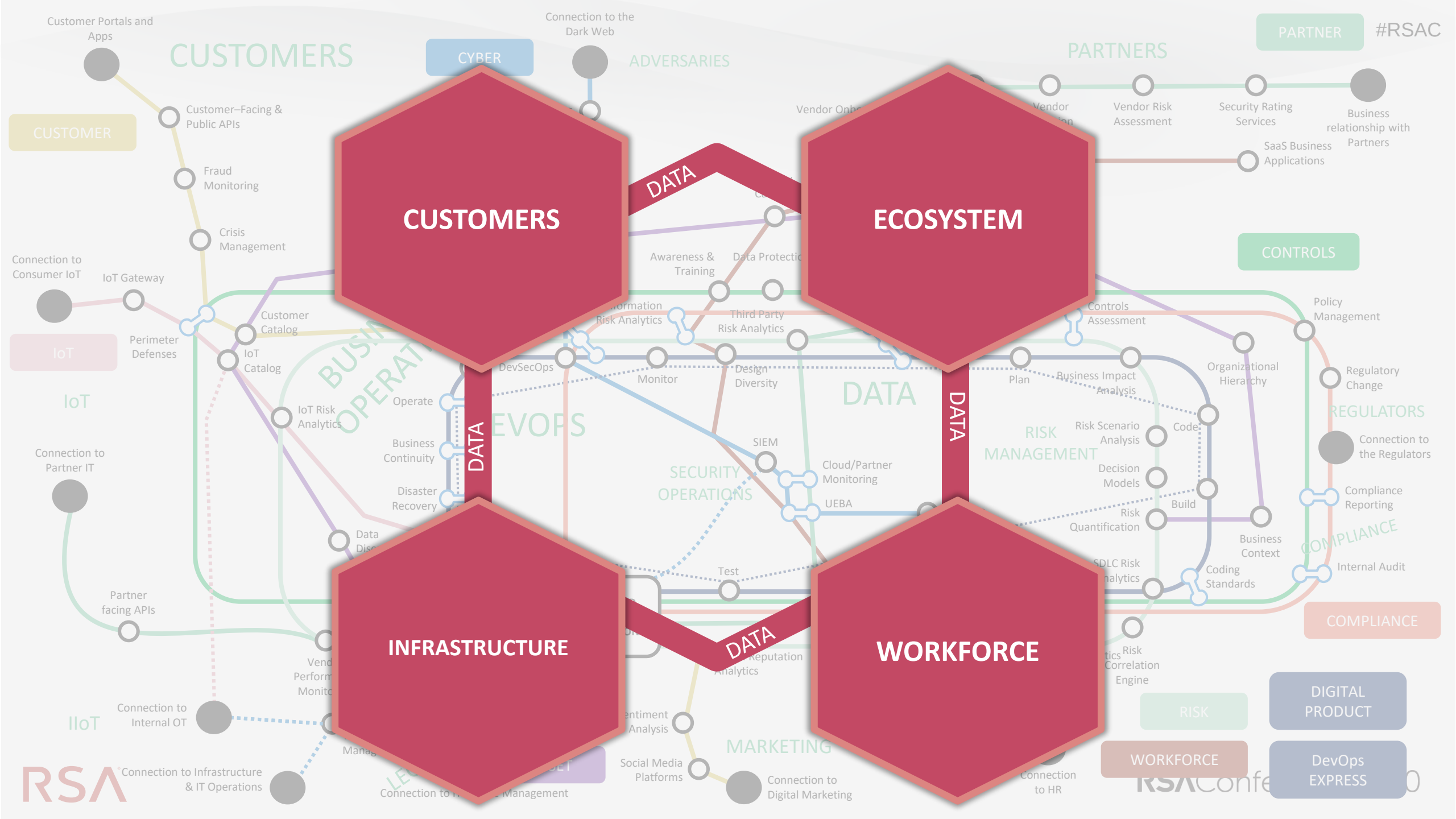
RSAConfe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INFRASTRUCTURE
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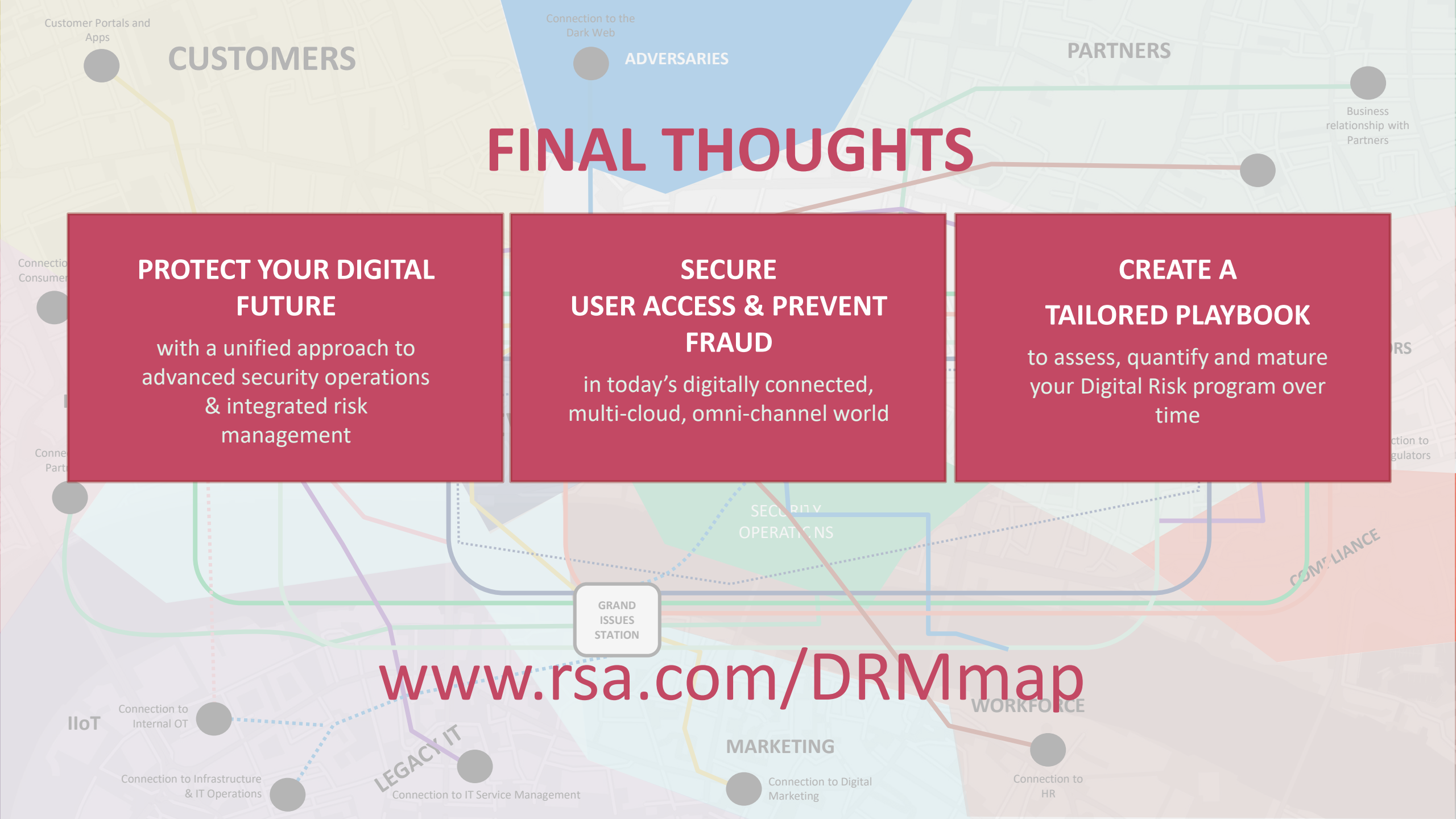

FINAL THOUGHTS

PROTECT YOUR DIGITAL FUTURE

with a unified approach to advanced security operations & integrated risk management

SECURE USER ACCESS & PREVENT FRAUD

in today's digitally connected, multi-cloud, omni-channel world

CREATE A TAILORED PLAYBOOK

to assess, quantify and mature your Digital Risk program over time

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QUESTIONS?

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Amy Blackshaw @amysblackshaw