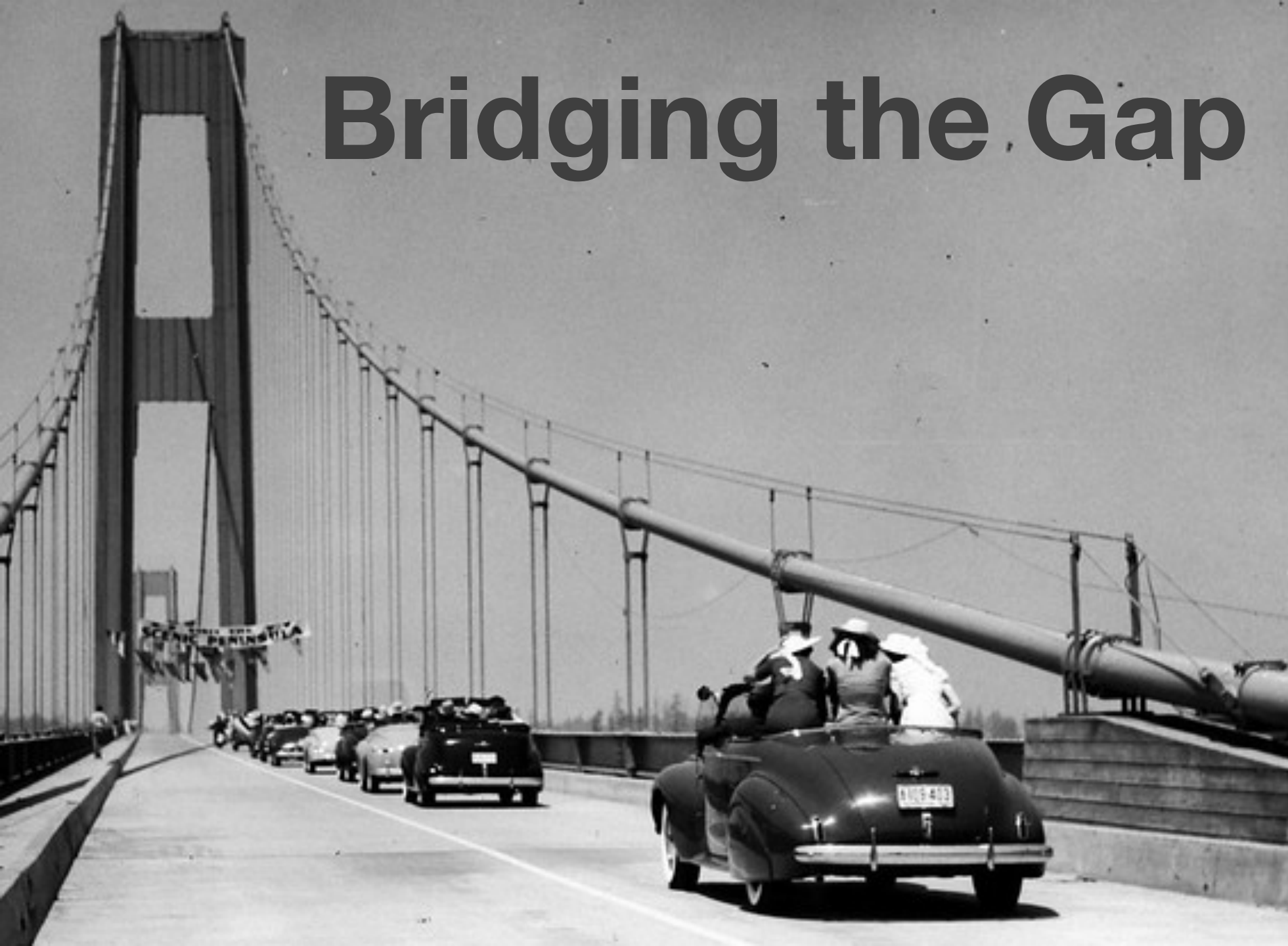# Bridging the Gap

BISO's role in building partnership and bringing business context to cybersecurity

John Mracek

Source: Washington State DOT

Tacoma Narrows Bridge
(Galloping Gertie)
Nov 1940

Source: Library of Congress,
Washington, DC (LC-USZ62-46682)

Tacoma Narrows Bridge Today

1950 Replacement Span

2007 Additional Span

Source:

order pickup

drive up

same day delivery
Delivered by Shipt

400,000+ TEAM MEMBERS

1,900+ STORES

$100b+ REVENUE

50+ Supply Chain Facilities

What is BISO?

Business **I**nformation **S**ecurity **O**ffice or **O**fficer

The BISO is an emerging role that acts as a liaison between an organization's business units and its cybersecurity function.

BISOs must become familiar with the businesses they support and understand the overall business's strategic roadmap. They then align those with the cybersecurity function's priorities and initiatives, advancing the information security posture across the organization and, essentially, filling the gap between business operations and cybersecurity program management.

IANS - The BISO Role: Where Business Meets Security
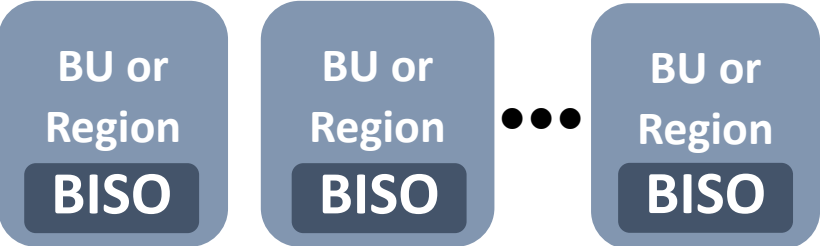*November 4, 2021 by Nicole Dove, IANS Faculty*

BISO Responsibilities

- **Know the Business**
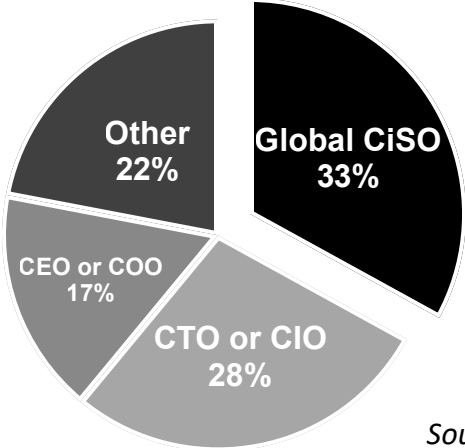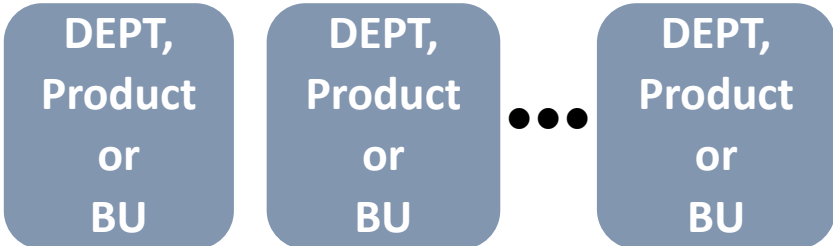- **Security Consulting**
- **Risk Management**

BISO Organization

Report to Business

Cybersecurity / CISO

| BU or Region **BISO** | BU or Region **BISO** | ••• | BU or Region **BISO** |

VS

Report to CISO

Cybersecurity / CISO **BISO** **BISO** **BISO**

| DEPT, Product or BU | DEPT, Product or BU | ••• | DEPT, Product or BU |

Global CiSO 33%
CTO or CIO 28%
CEO or COO 17%
Other 22%

Source: IANS:
The BISO role in numbers 2022

Bridging the Gap

?

Cybersecurity

Business

Reputation

Complexity

Surprise!

Balance

TRUST

Charles E. Green – Trusted Adviser Associates LLC

What does it take to be a good BISO?

Hard skills & Soft skills

Target BISO

Rest of Org

Merchandising, Marketing, Stores, Target.com, Finance, Human Resources, Legal, etc.

CIO / Tech

Product Engineering

Enterprise Architecture & Infrastructure

Data Sciences & Data Engineering

Cybersecurity

Product Engineering BISO

EA, Infra, and Data Sciences BISO

BISO
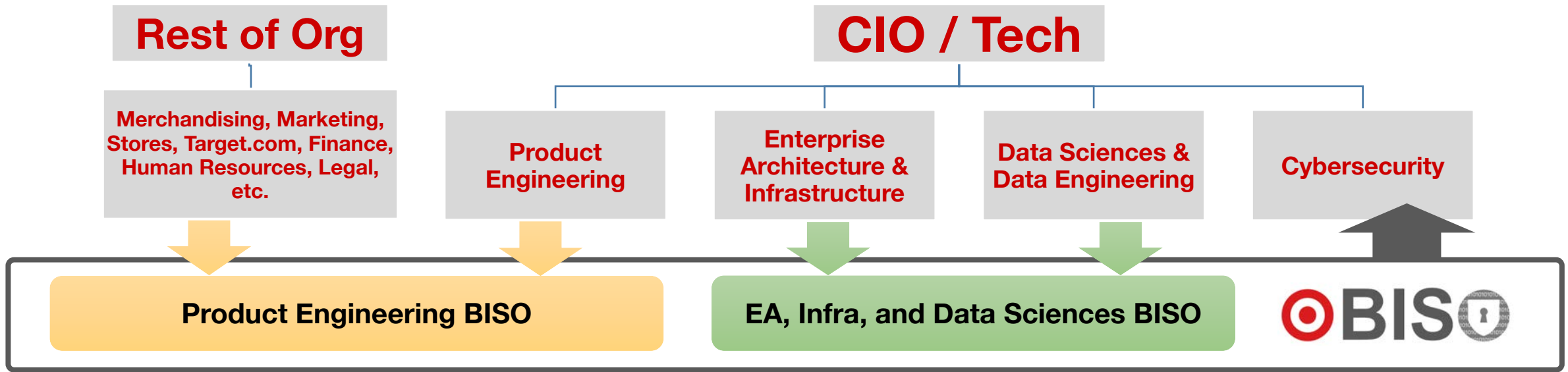
Important Cyber Partners

- Application Security
- Cyber Fraud
- Threat Intelligence
- CSIRT/IR
- Training & Awareness
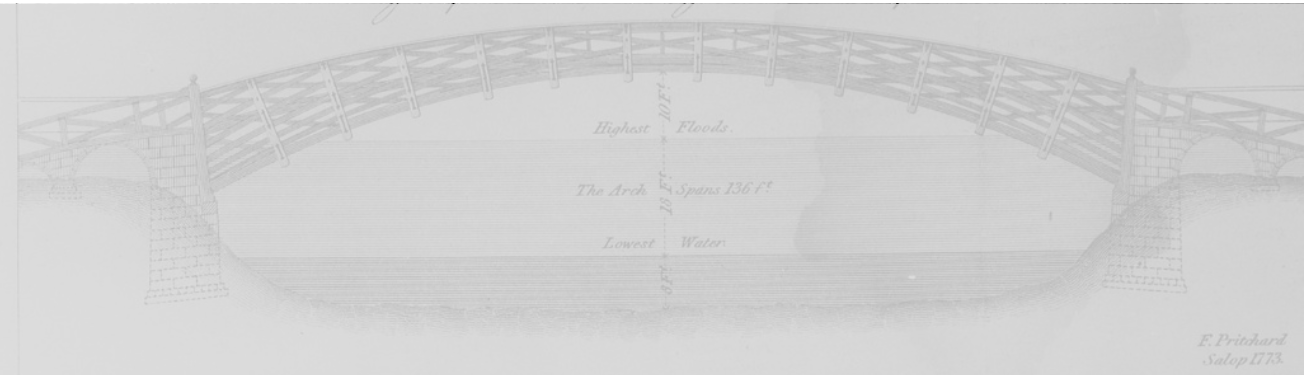- Governance
- Compliance
- Vendor Security

Product Intelligence (PI)

SECURITY NINJAS

TIGER TEAM CYBERSECURITY

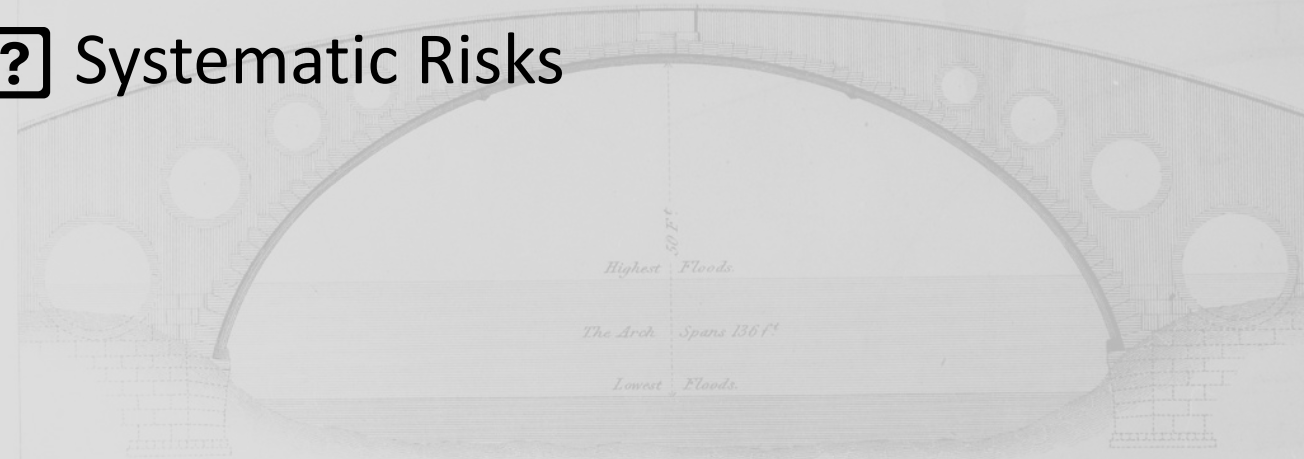Security Risk Committee

Outside Partners

- Compliance
- Privacy
- Legal
- Enterprise Risk
- Third Party Risk
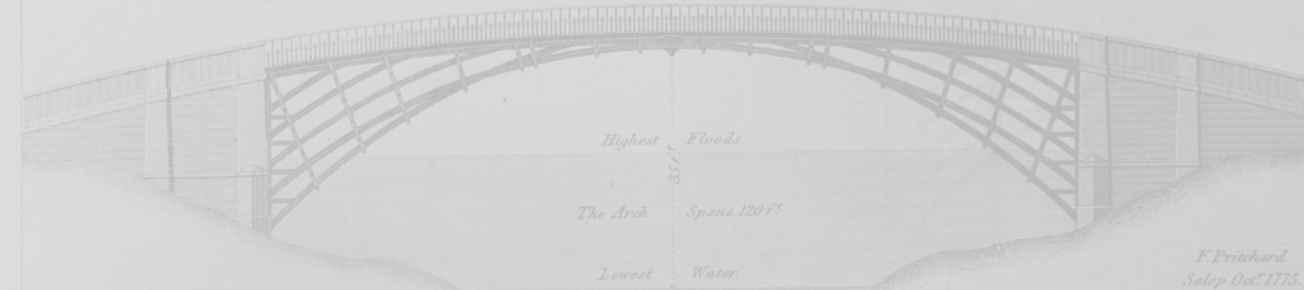- Sourcing
- Internal Audit
- Etc.

Evolutionary Themes

- Reactive ❓ Proactive

- Findings ❓ Individual Initiatives ❓ Systematic Risks

- Outsider ❓ Insider

Thank You

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