API Security

Exploring the unique challenges and best practices in safeguarding these data conduits within the trucking ecosystem

Real-world insights ■ Actionable strategies

DIGITAL SOLUTIONS CONFERENCE
CYBERSECURITY

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NMFTA™
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Traffic Association, Inc.

Today's Panelists

Dan Heinen
Kleinschmidt CEO

Michael Oberlaender
Global CISO

David Samples
Transcard

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Create a Culture of Security

The foundation of success throughout your organization

- Tech Stack Architecture

- Segregated Networks

- Mindset of Every Employee

- Training

Preparation

Cybersecurity measures should not be reactive – it's too late

- Immutable backups – multiple safe locations
- Incident Response Plan/Team – test security ops regularly
- Red team/Blue team/Purple team exercises
- Observe the dark market – threat intelligence and digital risk

Governance

Often underrated in significance, but key

- Strong governance structure, model and team
- A strong CSO/CISO can help

SecDevOps
Use battle-tested strategies – Many companies struggle

- In-house software development teams

- Build a new SecDevOps SSDLC

- It is not possible to have a secure and safe software without this

Don't think you are not a target

Trucking is at the overlap of soft SCM and hard metal (container/loads)

- It's not if, but when

- Most companies are infiltrated 6 months before attack

- Beware of complacency thinking "Cloud" is secure

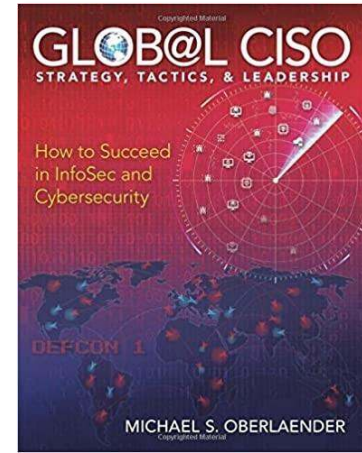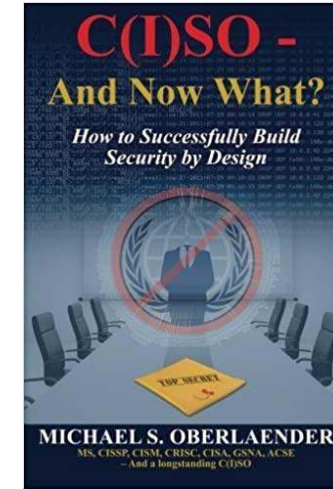# API Specific Security
Absolutely key – wide open field

- Denial of Service

- Spoof

- Man in the Middle

- Old/Deprecated Endpoints

- SQL Injection Attack

- Authentication/Encryption

- Phish

Want to learn more?

This conference is just the beginning to sharpening preparedness

- Michael's books – on Amazon

- ISACA.org – a nonprofit training, certification organization that offers information & resources

- Set aside time to monitor cybersecurity attacks in trucking and the larger business community

- Invest in a certified CISO audit and learn specific steps to secure your business