THE FUTURE OF SECURITY OPERATIONS

CORSYS

Why the Future of Border Security Lies in Smart Tech

Tim Norton – Global Market Director, Ports & Borders Market

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HOW THREE GLOBAL MEGA-TRENDS ARE IMPACTING OUR INDUSTRY

SPEED

- Faster & Better AI decisions
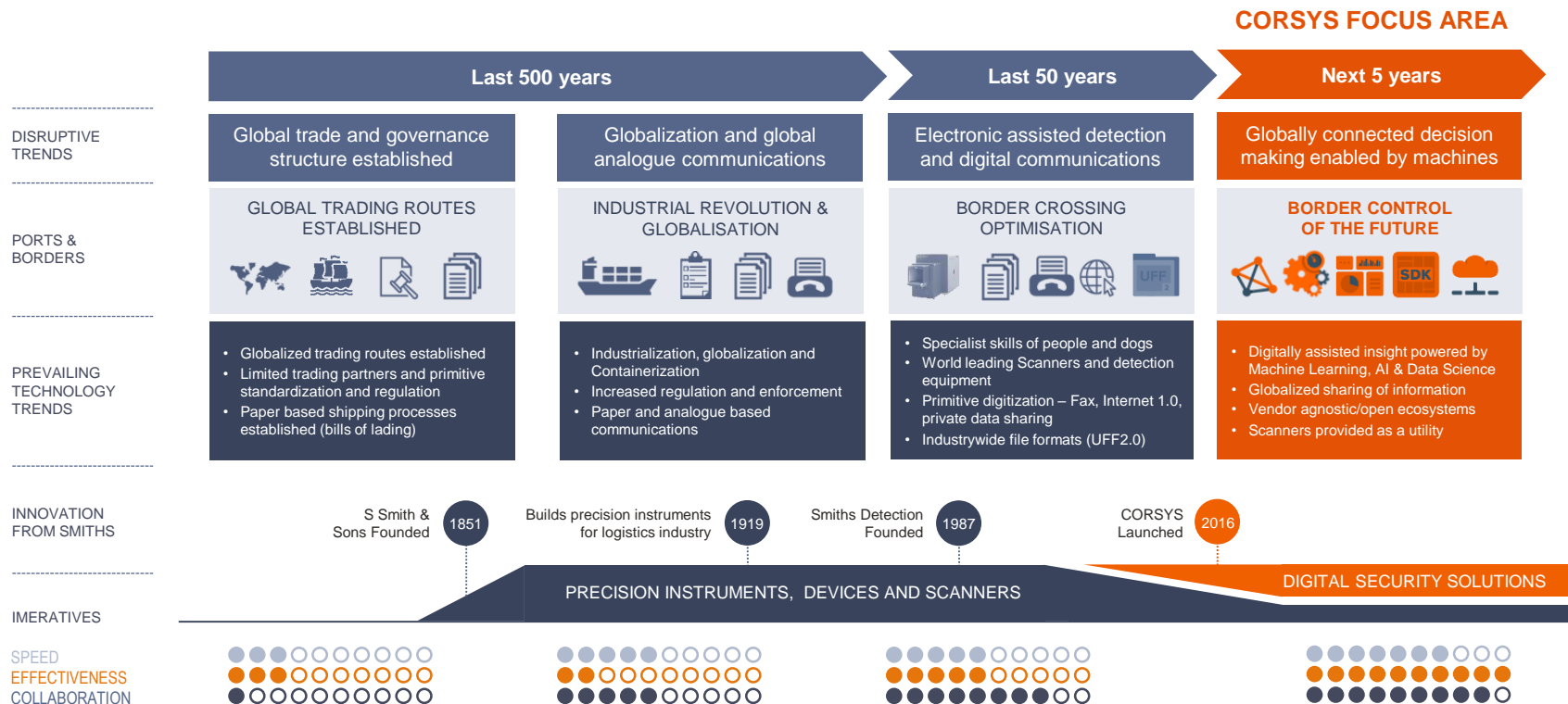- Better case creation through single source of truth

EFFECTIVENESS

- Better targeted use of officers & K9 resources
- Better decisions and more accurate targeting

COLLABORATION

- Better global information sharing
- Better integration with your existing hardware

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HOW SMITHS IS DRIVING THE NEXT ERA OF INDUSTRY EVOLUTION

CORSYS FOCUS AREA

Last 500 years	Last 50 years	Next 5 years

DISRUPTIVE TRENDS

Global trade and governance structure established	Globalization and global analogue communications	Electronic assisted detection and digital communications	Globally connected decision making enabled by machines

PORTS & BORDERS

GLOBAL TRADING ROUTES ESTABLISHED	INDUSTRIAL REVOLUTION & GLOBALISATION	BORDER CROSSING OPTIMISATION	BORDER CONTROL OF THE FUTURE

PREVAILING TECHNOLOGY TRENDS

• Globalized trading routes established • Limited trading partners and primitive standardization and regulation • Paper based shipping processes established (bills of lading)	• Industrialization, globalization and Containerization • Increased regulation and enforcement • Paper and analogue based communications	• Specialist skills of people and dogs • World leading Scanners and detection equipment • Primitive digitization – Fax, Internet 1.0, private data sharing • Industrywide file formats (UFF2.0)	• Digitally assisted insight powered by Machine Learning, AI & Data Science • Globalized sharing of information • Vendor agnostic/open ecosystems • Scanners provided as a utility

INNOVATION FROM SMITHS

S Smith & Sons Founded	1851	Builds precision instruments for logistics industry	1919	Smiths Detection Founded	1987	CORSYS Launched	2016

IMERATIVES

PRECISION INSTRUMENTS, DEVICES AND SCANNERS

DIGITAL SECURITY SOLUTIONS

SPEED
EFFECTIVENESS
COLLABORATION

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POWERED BY INDUSTRY-LEADING STANDARDS & TECHNOLOGIES

BLOCKCHAIN

Data is secured through blockchain encryption, meaning you can be confident in the security and validity of incoming and outgoing information.

OPEN ARCHITECTURE

Integrate existing data sources, devices and applications with CORSYS to leverage value from your existing technologies.

INTEROPERABILITY

CORSYS has been designed to work with multiple data sources and hardware devices, regardless of manufacturer.

MACHINE LEARNING

Automated data-driven decision-making and continuous refinement through machine learning provides insights and predictions to assist your operations.

STREAM ANALYTICS

Real-time reporting across your entire security operations, all from a single window. Presented on simple-to-understand dashboards, so you can track cases and key performance indicators (KPIs) with ease.

EDGE COMPUTING

Draw insights from any device – including remote sensors and phones – on your network to create a more complete picture of any case.

AUGMENTED INTELLIGENCE

Make informed decisions through the consolidation of digital knowledge, human experiences, physical data, and processes onto a single-view platform.
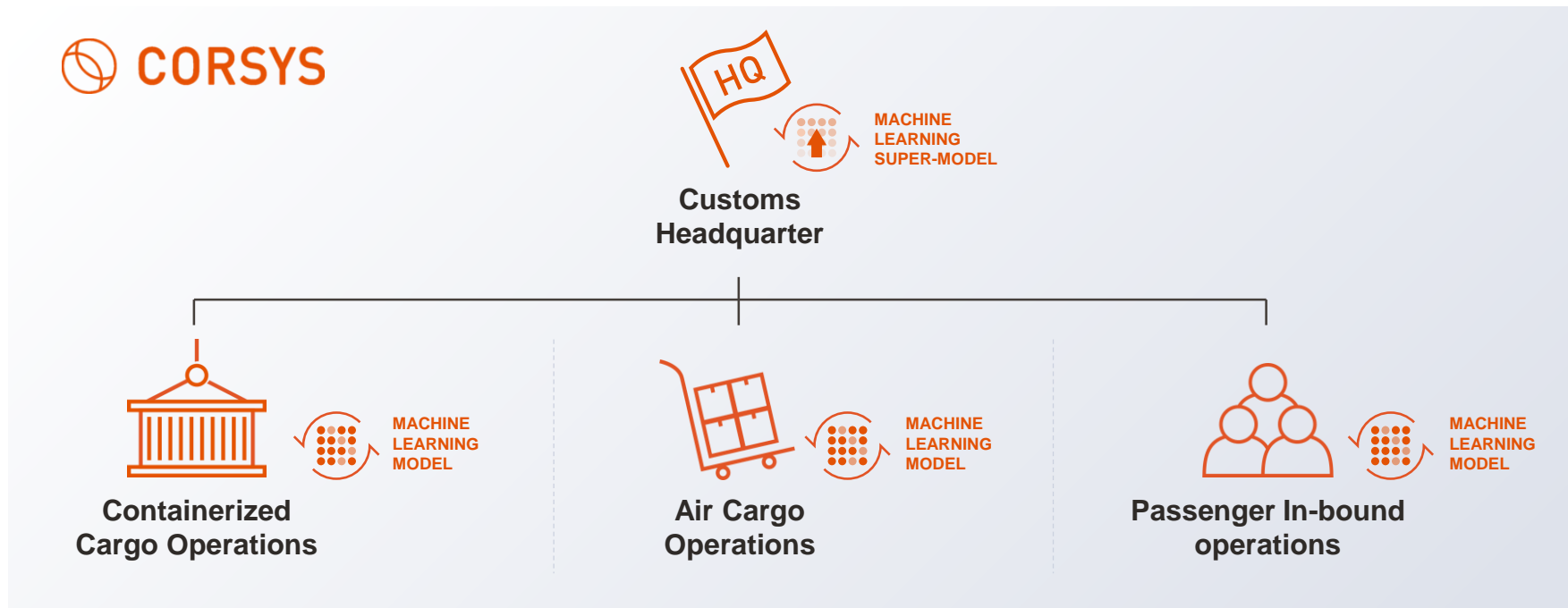
CLOUD-FIRST

CORSYS uses Microsoft Azure computing service to deliver a platform that is highly scalable and secured to the highest standards.
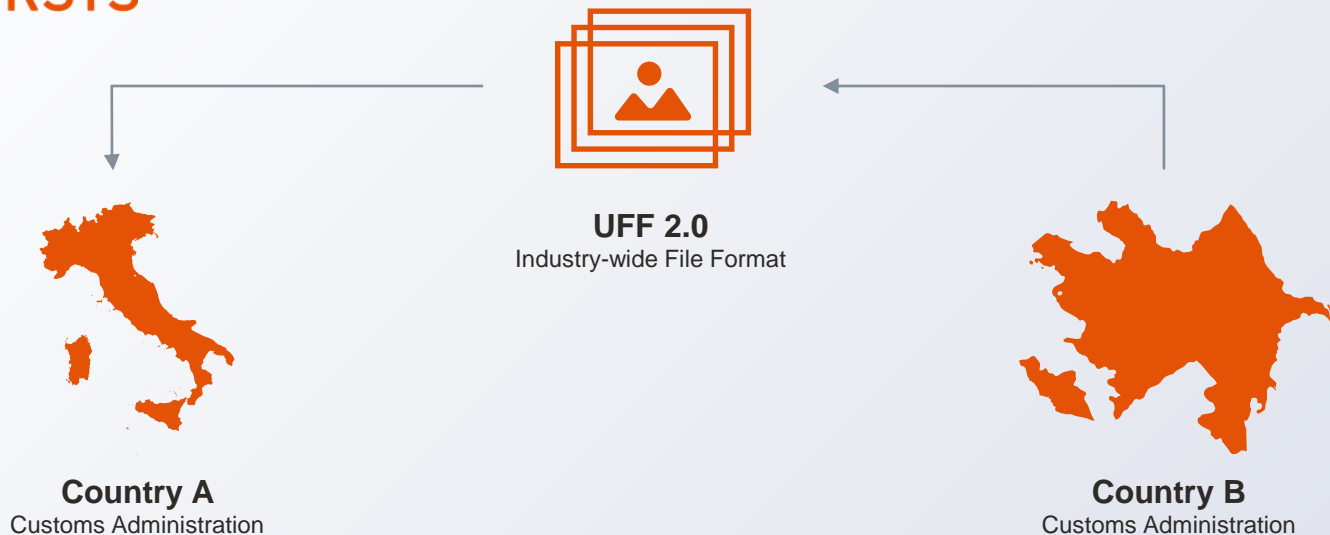
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YOU WILL NEED MUCH MORE THAN JUST AN INTEGRATION SOLUTION…

1. Dynamic-Model based Machine Learning

CORSYS

HQ
MACHINE LEARNING SUPER-MODEL

Customs Headquarter

MACHINE LEARNING MODEL

Containerized Cargo Operations

MACHINE LEARNING MODEL

Air Cargo Operations

MACHINE LEARNING MODEL

Passenger In-bound operations

YOU WILL NEED MUCH MORE THAN JUST AN INTEGRATION SOLUTION…

2. AI-as-a-Service

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UFF 2.0
Industry-wide File Format

Country A
Customs Administration

Country B
Customs Administration

YOU WILL NEED MUCH MORE THAN JUST AN INTEGRATION SOLUTION…

3. Digital Transformation…

CORSYS **is really Business Transformation!**

Establishing an **Effective Cloud Policy**
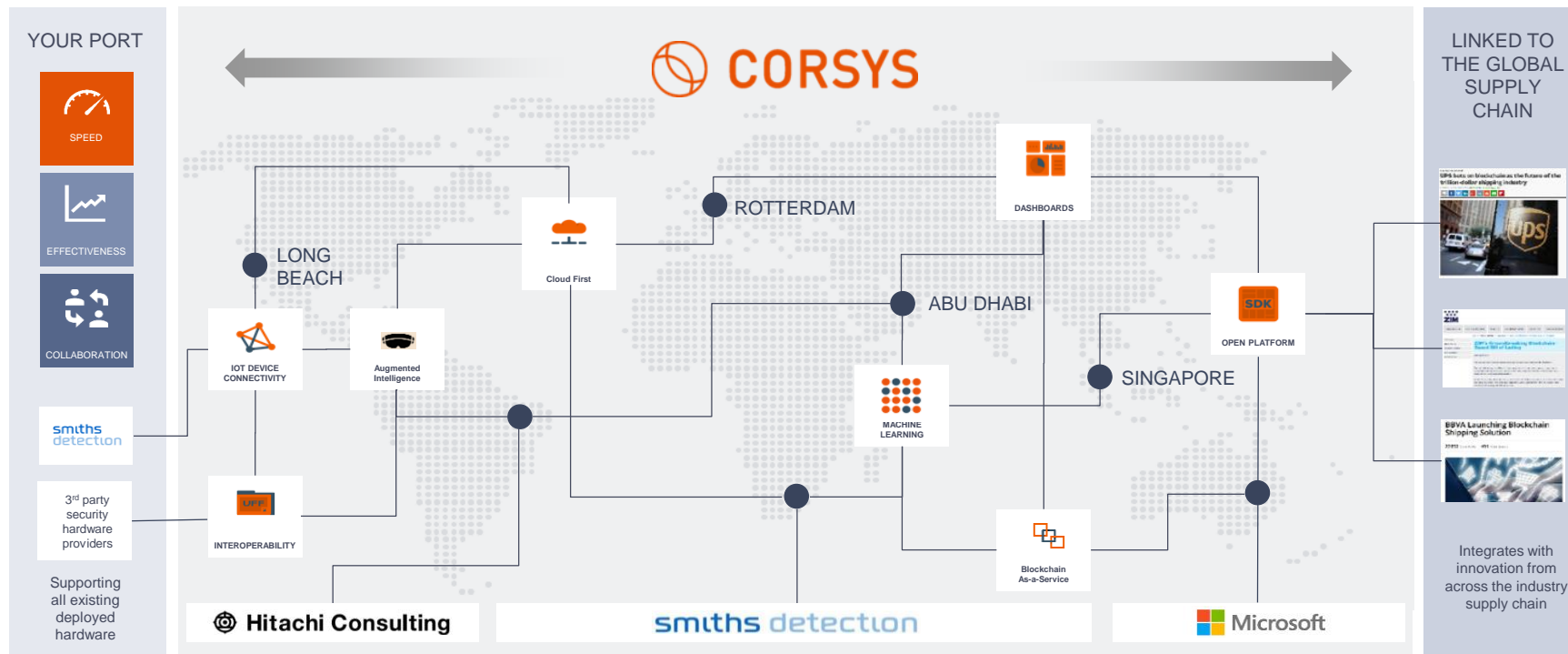
Developing a **Secure Data Sharing Plan**

Balancing **Consistency in your CONOPS Workflows**

Delivering **True Value to Your Customers**

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THE FUTURE INTERCONNECTIVITY OF OUR INDUSTRY

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SO… WHAT DOES TECH NEED TO DELIVER FOR YOU?

Incorporating a strong technology play into your Security Operations

- Drive **100% Data Inspection**

- Delivers an "asset-light" approach and **better resource management**

- **Optimizes** current and future assets

- Leverage the **power of your data**—existing and new!

- Enables **better collaboration** between agencies

- Harness the true capabilities of technology to transform into a **futureproof and sustainable security operations**

All key drivers to provide a more informed outcome!

Thank you!

Tim Norton – Global Market Director, Ports & Borders Market

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