Sprita iT

Securing Transport in the Digital Era:
Building Resilient and Trusted Mobility

The Challenge of Transport in the Digital Era

The transport sector—air, maritime, rail, and land—is undergoing unprecedented transformation. The digitalization of operations, IoT integration, logistics management platforms, and customer applications have boosted efficiency, but also expanded the attack surface. Transport organizations manage critical information: passenger data, itineraries, routes, logistics, and infrastructure maintenance. A single vulnerability in software or a supply chain attack could directly impact safety, operations continuity, and customer trust.

Cybersecurity and Compliance Challenges in Transport

Key challenges in the sector include:

- Protecting sensitive passenger and customer data.
- Ensuring operational safety and avoiding interruptions across airlines, ports, rail systems, and fleets.
- Meeting regulatory compliance (ISO 27001, NIST, GDPR, etc.).
- Integrating IoT, SCADA, and digital platforms securely.
- Managing vendor risks and external systems connected to the transport ecosystem.

Our Solutions: End-to-End Security Across the Software Lifecycle

We deliver a comprehensive approach to help transport organizations secure systems, applications, and digital processes:

1. Code Security from Development:
   - Early identification of vulnerabilities in mission-critical applications.
   - Proactive remediation aligned with OWASP and CWE standards.
   - Reduced remediation costs and improved software quality.
2. Dependency and Third-Party Software Management:
   - Continuous monitoring of third-party and open-source components.
   - Detection of vulnerabilities (CVEs) and license risks.
   - Real-time monitoring for inter-connected transport ecosystems.
3. Supply Chain Protection:
   - Supervision of CI/CD pipelines to prevent tampering before deployment, and integrity validation of every release.
   - Traceable evidence for auditors and regulators.
4. Risk Assessment and SLA Support:
   - Risk evaluation of adopting new systems or maintaining legacy ones.
   - Definition of SLAs for security and quality.
   - Clear metrics to ensure resilience and operational continuity.

Strategic Benefits for Transport Organizations

- Reduced operational risks: fewer vulnerabilities in critical applications.
- Simplified compliance: audit-ready reporting.
- Cost savings: fewer emergency patches and service disruptions.
- Secure innovation: accelerated digital transformation with confidence.
- Increased trust: safer, resilient services for customers and partners.

Use Cases in Transport

- Airlines: securing booking and check-in systems against fraud and data leakage.
- Ports and maritime logistics: protecting digital platforms, managing cargo and containers.
- Railways: safeguarding SCADA and IoT systems from tampering and manipulation.
- Land transport and fleets: ensuring tracking and route management applications remain secure.

Looking Ahead: Security as a Driver of Smart Mobility

The future of mobility is digital, interconnected, and reliant on secure software. Transport organizations that embed security from development through supply chain will be better prepared to innovate, adopt new business models, and maintain operational resilience. Security will not only reduce risks but also become a driver of digital mobility.

Benefits Overview

Benefit	Description
Operational Risk Reduction	Minimized vulnerabilities in mission-critical systems.
Compliance	Audit-ready evidence for ISO, GDPR, and NIST frameworks.
Cost Savings	Reduced emergency remediation and downtime costs.
Secure Innovation	Accelerated digital projects with embedded security.
Trust and Reputation	Stronger customer and stakeholder confidence.

Sprita iT: Driving Secure, Smart, and Reliable Mobility

At Sprita iT, we believe that security is not an obstacle but a strategic enabler of innovation in transportation. Our mission is to strengthen every link in the software lifecycle and digital supply chain, enabling airlines, ports, railway systems, and land fleets to operate with confidence, resilience, and efficiency.

With Sprita iT, security becomes the foundation for driving smart mobility, protecting passengers, ensuring operational continuity, and guaranteeing that the future of transport is not only digital but also trustworthy and secure.