



Smart Ticketing Hosting

State-of-the-art hosting environment designed to meet the performance demands of smart ticketing deployments including Software as a Service (SaaS) for transport operators and authorities.



Improved System Performance

- + Process transactions and support your customers more quickly through high performance systems
- + Respond to surges in demand through Virtual Machine (VM) based deployments that can scale easily
- + Automatically distribute requests efficiently through high-performance load balancers

Increased System Resilience

- + Reduce the likelihood of unplanned system outages with extremely high infrastructure availability
- + Improve system resilience through techniques such as clustering and SAN-based backup
- + Respond quickly to incidents with 24x7 infrastructure support

Enhanced System Security

- + Protect sensitive data with strong physical security and state-of-the-art logical security
- + Reduce the impact to service from advanced threats such as zero day vulnerabilities and distributed denial of service attacks
- + Comply with GDPR regulations and other compliance demands



Advanced Hosting Features

High-performance transport ticketing solutions require support for advanced hosting features in order to guarantee the security, robustness, performance and resilience of systems that process transactions and support customers. These systems are vital in the day-to-day operation of transport deployments and form the backbone of smart ticketing services provided to customers. Transport deployments will benefit from the following advanced hosting features within the hosting infrastructure:

Feature	Description
Highly-available Infrastructure	99.999% uptime of underlying infrastructure
Full Network Redundancy	Paired firewalls, switches and server connections
Next-generation Firewall	Network security and segregation, XML validation, virtual patching along with application filtering and user-aware identification
Dual-Factor Authentication	Administration uses industry standard security with dual-factor authentication
Web Application Firewall	Increase our robustness to external attack through minimizing our attack surface area
High-performance Load Balancer	Provides redundancy and scalability of web traffic
Application Clustering	Provides redundancy of processing systems
SAN-based backup	Faster data recovery via SAN storage
Centralized Log Management	Engineering and administration resource monitor security logs providing early response to any actionable incident
Dedicated Security, Administration, and DevOps Staff	Automation of installs, upgrades, patches and configuration changes enable greater scalability and resilience.
Regular security and application scanning	Internal and external systems, with detailed scanning of web applications
High Certification and Compliance	ISO9001, ISO14001, ISO27001, CSA Star, PCI-DSS 3.2
24/7, HA Support	NOC center provides 24x7 infrastructure support

rambus.com/smart-ticketing

