



Maximising Security and Efficiency

Resilient Edge Computing for the Security Industry

SOLUTION BRIEF



Resilient Edge Computing for Security Operations

Security operations require real-time monitoring and quick response times to ensure safety. Resilient Edge Computing can help security operations to be more efficient and effective. By incorporating Edge Computing into security operations, security personnel can access real-time data and make informed decisions, improving response times and overall security

Overcoming Challenges

- Balancing security and accessibility
- Data privacy
- Regulatory compliance
- Evolving threats
- Maintenance and upgrades
- Resilient, always on

Benefits of Resilient Edge Computing

Real-time monitoring

By providing real-time monitoring of security systems and equipment, Resilient Edge Computing helps organisations respond quickly to security incidents and reduce the risk of harm to people and property.

Improved reliability and availability

Processing data closer to the source reduces the risk of network failures and delays, increasing the reliability and availability of security systems.

Enhanced surveillance

Resilient Edge computing enables uninterrupted video surveillance, ensuring all video footage is available when it's needed

Remote operation

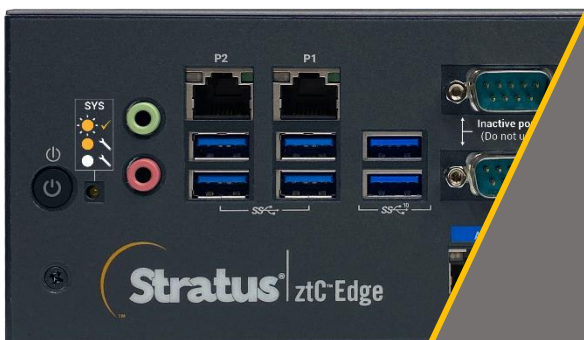
Edge Computing allows for data processing and decision making where communication infrastructure may be limited or unreliable, allowing for continued operation and maintenance even in remote or offline areas.

Increased intelligence

With real-time data and analytics, Resilient Edge Computing provides security organisations with the intelligence they need to make informed decisions and respond effectively to incidents.

Increased scalability

With the ability to scale up and down as needed, Resilient Edge Computing helps organisations respond effectively to changing security needs, reducing the risk of harm to people and property.



Protecting critical operations at the edge, where speed and efficiency meet.



Use Cases for Edge Computing

Real-time video surveillance: Enables security personnel to detect and respond to threats in real-time.

Access control and biometric authentication: Supports access control systems in real-time, to ensure that only authorised personnel have access to secure areas.

Intelligent alarm systems and emergency response: Helps security personnel to quickly respond to alarms and emergency situations by providing real-time monitoring and control of alarm systems.

Physical security and perimeter protection: Supports physical security systems, such as intrusion detection and alarm systems, helping to protect buildings and other assets.

Fraud detection and prevention: Enables security personnel to detect and prevent fraud by providing real-time monitoring and control of systems and transactions.

Network security and threat management: Ensures the security of network systems and devices by providing real-time monitoring and control.

Cybersecurity and incident response: Enables security personnel to quickly respond to cybersecurity incidents by providing real-time monitoring and control of systems

Emergency communication and mass notification systems: Supports emergency communication and mass notification systems, enabling security personnel to quickly and efficiently communicate with building occupants and other stakeholders.

Not all Resilient Computing Platforms are Equal!

Our secure, rugged, highly automated computing solution delivers redundant virtualised industrial applications quickly and easily, improving productivity and reducing risk.

- Integrated virtualisation and availability
- Redundant server design
- Automated protection and recovery
- Industrial interoperability
- OT maintainability
- Health monitoring and fully managed support



About Stratus

Stratus ensures the continuous availability of business-critical applications for the most demanding environments. For over 40 years, we have provided reliable and redundant zero-touch computing, enabling organisations to turn data securely and remotely into actionable intelligence at the Edge, cloud, and data center – driving uptime and efficiency.

Our Service offering:

- System design and sizing
- Proof of Concept and testing
- Full solution stack deployment
- Site commissioning
- Education and certifications
- Fully managed services

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