IoT Security Solutions

Comprehensive Threat Protection and Backup Recovery

SRP-E2i520

- Industrial-grade centralized security management
- Full mirror image backup and recover
- Real-time malware threat prevention
- Simplified dashboard for analytical reports
Feature Highlights

Whitelisting and Application Control
- Protect against zero-day attacks
- Execution by authorized software only

Device Security Blacklisting
- Real-time endpoint threat protection
- Intelligent, adaptive scanning
- Advanced malware protection and customer application

Change Control
- Set access rights for protected data
- Track content changes and prevent outages

Full Image Backup & Recovery
- Enables rapid recovery and migration
- View backup hierarchies anytime anywhere

Domain Focused Verticals

Automation
- IoT connectivity & protocol conversion
- Real-time edge light analytics
- Quick cloud integration
- Asset management service

Transportation
- Sensor-to-Cloud Solutions
- Real-time vibration monitoring
- Vibration data analysis
- Condition monitoring

Medical
- Real-time communication & control in Windows OS
- Integrated industrial fieldbus interface/driver
- Edge computing for intelligent analysis and service

ATM

Solution Ready Packages

Equipment Edge Connectivity (ECM)
SRP-E2i110
- WISE-PaaS/EdgeSense

Equipment Vibration Monitoring (EVM)
SRP-E2i120
- WISE-PaaS/EdgeSense

Equipment Real-time Control
SRP-E2i140
- WISE-PaaS/EdgeSense
McAfee™ embedded solutions provide superior and intelligent security functions, such as whitelisting and blacklisting, for protecting IoT devices and data from zero-day attacks, monitoring/tracking system changes, and guarding entire systems with McAfee Global Threat Intelligence. WISE-PaaS/Security, empowered by McAfee™, provides a centralized IoT security management console on Azure for deploying security policies that ensure data and device protection. This IoT platform can be configured with McAfee™ function modules to satisfy diverse vertical applications and scenarios.

As digital data is an essential asset for any consumer-centered business organization, it’s crucial that clients have strong data protection systems in place. Additionally, the ability to restore systems to their factory settings on-site saves time and reduces costs for both system integrators and end users. Leveraging Acronis’ award-winning technology, Acronis OEM solutions are specifically designed to satisfy the needs of OEMs.

Whitelisting and Application Control
- Block threats without list management or signature updates
- Reduce patch cycles and protect memory

Endpoint Security Blacklisting
- Real-time endpoint threat protection
- Intelligent, adaptive scanning
- Advanced malware protection
Cloud & Data Center Management Platforms

- Whitelisting
  - Change Control
  - Application Control
- Blacklisting
  - Endpoint Security (FIPS 140-2)

Secure Communications
- Deployment
- Gateway Security
- Firewall
- Secure Communications

Cloud & Data Center Management Platforms

- McAfee Global Threat Intelligence
- Industrial
- Banking
- Retail

- ePO
- Change Control
- Application Control
- Endpoint Security (FIPS 140-2)
- Whitelisting
- Blacklisting
- AES encryption/password

Cloud
- Verification & On-boarding Service
- Security Analytics
- Automatic Threat Response

Full Image Backups
- Incremental and differential backups
- Non-stop backups and backup over FTP

Powerful Recovery Options
- Recover entire systems even if the OS crashes
- Disks/partition cloning

Acronis Cloud
- Azure Blob Storage
- AES encryption/password

Application Story

Curb ATM Hacking with IoT Security Solutions

ATM hacking has taken a toll on banks worldwide. Now, many governments require enhanced security management to improve ATM protection. Advantech provides comprehensive IoT security software solutions - powered by McAfee and Acronis.

- Efficient backup and recovery systems help banks establish, maintain, and roll out changes to whitelists from central control.
- Over-the-network whitelist implementation provides proactive ATM protection against ever-evolving threats and hacks.

Data Security for Medical Electronic Devices

Precision, accuracy, and reliability are critical to the performance of electronic devices and instruments used in medical care processes. Avoiding inaccuracies and preventing falsifications best ensures patient health and guards against costly litigation. We provide security solutions, delivered with Advantech’s embedded products, comprising McAfee’s Application Control whitelisting technology. Application Control, McAfee’s most important whitelisting software, fixes and consolidates the functions of the medical system by establishing a list of authorized programs and curbing malware and system hacks by blocking unauthorized programs from running on the system.

- Enhance stability, security, and reliability for medical devices and instruments.
- Improve patient health outcomes and protect again costly hospital litigation via enhanced data preservation.
- Save R&M resources by reducing the frequency of required maintenance and repair work.
## Ordering Information

### Solution Package

| WISE-PaaS Situation Room | LCD Wall: 86" x 1 + 55" x 2  
Server and Display: DS-980 x 1  
Control Panel: UTC 520 x 1  
WISE-PaaS/SignageCMS |
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<tbody>
<tr>
<td>WISE-PaaS VIP Membership</td>
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### Device Security

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### Backup Recovery

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