

Product comparison guide

Brightlayer Industrial suite solutions

| Features | Remote Monitoring application | Asset Performance Management | Foreseer EPMS | Details |
|---|-------------------------------|------------------------------|---------------|--|
| Key Value | | | | |
| Prevent downtime and optimize production with out of the box monitoring and standard alerting of key electrical assets. | X | | | |
| Prevent downtime and optimize production with configurable monitoring of key electrical & environmental assets. | | X | | |
| Full detailed monitoring and diagnosis of electrical and other assets, with long-term data storage. | | | X | |
| Monitoring Interfaces | | | | |
| Mobile App (Native) | X | | | RIM offers a native mobile app; APM can be viewed on a mobile phone via Web access. The mobile version of RIM could be used alongside an on-premise solution. |
| 24/7 Web access | X | X | X | |
| Visualizations | | | | |
| One Lines | | X | X | The user has the ability to create system-specific one lines in the application. These can be configured by the customer or by Eaton service team in APM and Foreseer EPMS. |
| Waveforms | | X | X | The user has the ability to create system-specific waveforms in the application - only FTP (no SFTP). These can be configured by the customer or by Eaton service team in APM and Foreseer EPMS. |
| Floorplans | | X | X | The user has the ability to create these in the application. These can be configured by the customer or by Eaton service team in APM and Foreseer EPMS. |
| KPIs | | X | X | KPIs are standard calculated values that can be added to a dashboard or a graph that leverages key system data. |



Powering Business Worldwide

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| Visualizations (continued) | | | | |
| Dashboards | X | X | X | Dashboards are a collection of disparate data pulled into one place for easy visual understanding. Standard versions are available in Remote Monitoring. The user has the ability to create system-specific dashboard/ visuals in APM and Foreseer EPMS. These can be configured by the customer or by Eaton service team in APM and Foreseer EPMS. |
| Graphs | X | X | X | Graphs are visual components that convey charted historical data for key points. Standard versions are available in Remote Monitoring. The user has the ability to select a default graph to appear when users click the Graph tab in APM. These can be configured by the customer or by Eaton service team in APM and Foreseer EPMS. |
| Device View | X | X | X | |
| Device Aggregate View | X | X | X | |
| Multi-Site/Campus View | X | X | X | |
| Tree Navigation | | X | X | APM has up to 7 levels of navigation, and some can be hidden by user. APM has grouping available by levels of navigation as well. APM offers navigation by favorites. |
| Tab Configurability | | X | | APM offers the ability to show/hide tabs for each level of navigation, and set a default tab for each level of navigation, by user. |
| White Label (ability to allow 3rd party logos for reselling) | | X | X | APM and Standard EPMS white labeling are controlled via licensing/licensing tools. |
| Data trending | X | X | X | These can be configured by the customer or by Eaton service team in APM and Foreseer EPMS. |
| Data storage (logs) | X | X | X | |
| Device Diagnostic Dashboard | X | X | | |
| Role Based Access | | X | | APM offers granular capability to base access to graphs, specific levels of the hierarchy, and other items. |
| Statistics (min/max/average etc...) | X | X | X | RIM and APM are hardware driven. |
| Event Management | | | | |
| Event Monitor | X | X | X | Logs for multiple event types, with user comment persistence are included. |
| In-app alert notifications | X | X | X | APM and Foreseer EPMS offer user-configurable thresholds for alerting. |
| E-mail notification | X | X | X | APM offers the ability to add email notification if customer email server is used. |
| SMS text notifications | X | X | X | APM offers the ability to add text alerts if customer SMS server is used. |
| Push type Notifications (mobile devices) | X | | | RIM mobile application offers notifications within the application. |
| Alarms | | | | |
| User selectable alarm logic | | X | X | |
| User defined alarm thresholds | | X | X | |
| Alarms w/ acknowledgements | X | X | X | |
| Alarm Notes (custom note for acknowledgment of alarm) | X | | | |

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| Data Sharing | | | | |
| Export of historical data | X | X | X | |
| Standard Reports (high level site overview, asset status) | | X | X | Foreseer offers PDF reports with complete header and format options. |
| Electrical Reports (power monitoring, capacity usage etc.) | | | X | |
| Customizable Reports | | | X | |
| Automated Reporting | | | X | |
| Subscription Model | | | | |
| Monthly | X | | X | |
| Annual | | X | | |
| Perpetual (with annual maintenance contract) | | | X | |
| Data (data points supported) | | | | |
| >= 200 | X | possible | | |
| >= 5000 | X | X | | |
| 5000 to 50,000 | possible | X | X | |
| 50,000 to 250,000 | | X | X | |
| 250,000 to 500,000 | | possible | X | |
| Hyperscale | | | X | |
| Device Protocol Support | | | | |
| Modbus RTU | X | | X | |
| Modbus TCP/IP | X | X | X | |
| SNMP | | X | X | |
| MQTT | | X | X | |
| OPC UA | | X | X | |
| Spec Compliance | | | | |
| WAGES | | | X | |
| SPEC260913 | | | X | |
| Device Support | | | | |
| 3rd Party | X | X | X | |
| ETN Only | X | X | X | |
| Administration | | | | |
| Data migration capability | | X | X | |
| Latest cloud updates | X | | | |
| Updates shared via support portal | | X | | |
| Subscription Management | | X | | |
| User Management | X | X | X | |

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| Architecture | | | | |
| On-Premises | | X | X | APM and Foreseer EPMS can be hosted on a virtual server, which may or may not be on site. |
| Cloud | X | | | |
| Multitenancy | | X | | |
| Native IoT Support | X | | | |
| Gateway Hardware | X | X | X | |
| Server Needed | | X | X | APM and Foreseer EPMS can be hosted on a virtual server, which may or may not be on site. Details on how to price and size this provided at time of quote if needed. |
| Communication | | | | |
| Cellular Native | X | | | |
| LAN (Local Area Network) | X | X | X | |
| Data Sample Rate | | | | |
| Data Sample Rate 15 minutes - Daily | X | | | |
| Data Sample Rate 1 second - Daily | | X | X | |
| User Configurable data sample rate | | X | X | |
| Alarm Scan Rate sub-10 seconds | | X | X | |
| Alarm Scan Rate <= 1 minute | X | | | |
| User Configurable Alarm Scan Rate | | X | X | |