



# Itron Enterprise Edition™

Optional Modules: Expanding the Value of Your System



## IEE Optional Modules

- » **Edge Explorer:**  
View and manage your customers' key meter data information
- » **Service Mode:** Capture data from over 300 different meter vendors directly into IEE

With smart networks collecting volumes of information from your residential and commercial electric, water and gas meters, and IoT sensors, deploying a robust data management solution is essential for your success. In addition to providing secure, accurate and reliable data to your upstream systems, Itron Enterprise Edition (IEE) provides extended capabilities to deliver value beyond meter data management. IEE's optional modules offer the capabilities to ingest C&I meter reads directly into IEE; view, manage and reset some meter capabilities; and provide insight into IEE meter data. Each of these modules can revolutionize and accelerate how you operate your business.

### EDGE EXPLORER

Edge Explorer provides you the capability to reach out and examine selected meter parameters. Using the web-based interface, operators can analyze meter data for specific meters. The multi-commodity capability gives operators access to electric, gas and water using a single interface that is specific to the commodity. Edge Explorer's two-way capability allows operators to interact with the meter when necessary.

With Edge Explorer's single sign-on capability and role-based access, it allows administrators to segregate operators based on technical capability and business role. As data and events become available to IEE, operators have immediate access to that information. Data can be accessed in several graphical and tabular formations, giving the operator multiple views to ensure the easiest and most comprehensive information format. Operators can search meter data by commodity, and sort and reorder the results according to their business needs.

Edge Explorer's web interface provides operators an easy-to-use method of interacting with meters and meter data. The user interface provides the capability to select commodity type, and then select meter-by-meter number from a drop-down list. The operator can easily switch the view to search mode to find specific details about the selected meters. Edge Explorer indicates commodity with easy-to-see icons to give operators a clear understanding of what type of meter they are interacting with. Edge Explorer's customer account information is now organized into three sections: Account, Service Point and Meter. The next time the operator returns to the screen, the user interface will be expanded.

Edge Explorer uses the browser's cache to keep user session preferences active. This enhances productivity and simplicity of use for the operators.

Edge Explorer enables your operators to provide enhanced customer service and operational intelligence with immediate, robust and accurate information.

### SERVICE MODE

Our service mode module enhances IEE capabilities, allowing C&I meter data to be read directly into IEE without the use of a new head-end system. Service Mode uses MV-90's proven, robust and highly reliable "xi" module to capture C&I meter data from over 300+ different meter manufacturers. Service mode can read electric, and gas commercial and residential meters while supporting a variety of communications, including PSTN, Cellular and TCP/IP. Service Mode contains a Service Mode workbench that includes:

- » Meter Remote Interrogation
- » Remote Interrogation Queue
- » Communication Logs
- » Banked Data Queue
- » Service Mode Cleanup
- » Validation Queue

Service Mode takes advantage of IEE's capabilities to create data-driven schedules. Using data-driven schedules, you can create workflows that are scheduled to occur at specific times. IEE has the intelligence to arrange workflow items in the proper order then wait for each step in the workflow to complete before proceeding the next step. Using this type of scheduling allows operators to complete workflows efficiently and without interaction, unless there is an exception. Service mode takes advantage of many of IEE's capabilities to simplify the collection and processing of meter data. Service Mode allows you to create a single repository of meter data across AMI and C&I meters. It follows a single set of operating procedures allowing full auditing of configuration and usage data. With Service Mode, one operator can manage AMI and C&I meter data. Using your IEE validation and estimation rules with Service Mode, you can reuse AMI techniques and learnings with your C&I data collection, saving you time, money and increasing your efficiency.

### SPECIFICATIONS

- » Database Platforms: Oracle® 12CR2, 18c & 19c on any Oracle-certified OS/hardware platform. Microsoft® SQL Server® 2016, 2017 Enterprise
- » Operating Systems: Windows Server 2016/2017 for Serverside application. Windows 10 for IEE MDM client application. .NET 4.8 frameworks for both application server and client application
- » VMware: Application Servers are supported on VMware vSphere 5.x and 6.x environments in production as long as those VMs are appropriately sized. Acropolis Hypervisor and Microsoft Azure are also supported

» Tested for up to 9.6 million meters set to hourly data collection  
IEE is offered in two packages: on-premise and cloud-based. For more information on our cloud-based offerings, visit our [services web](#) page.



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