Itron Intelligent Edge Operating System
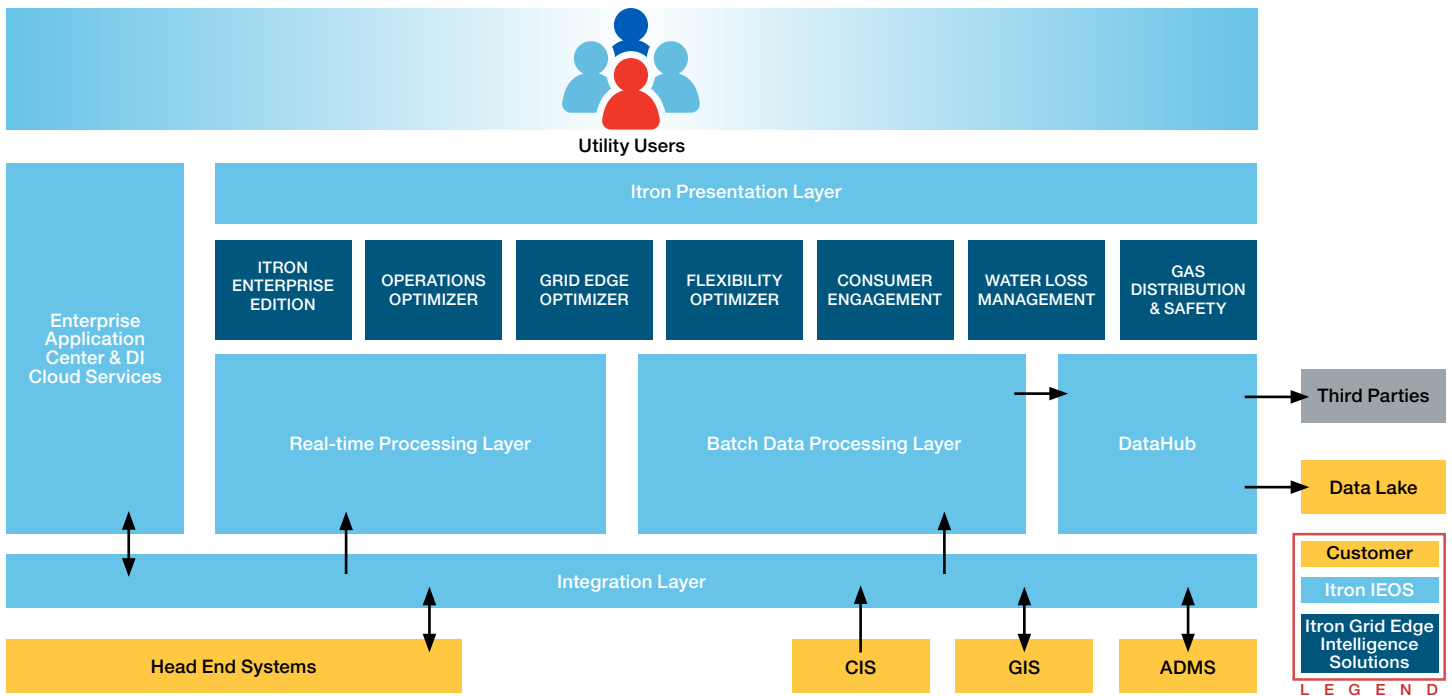
Itron Edge Portfolio

Unlock the full potential of your AMI system with the Itron Intelligent Edge Operating System (IEOS). Designed to revolutionize how utilities manage and optimize their operations, the Itron IEOS provides a strategic and underlying common framework that enables you to realize value through cutting-edge technology, delivering unparalleled efficiency to your fingertips.

Itron's Grid Edge Intelligence Portfolio applications come pre-integrated with the Itron Intelligent Edge Operating System, a software "Platform as a Service" that simplifies solution integration. The operating system leverages your existing investments and enables advanced analytics to help you realize the full ROI of your applications faster while meeting challenges head on, including: growing solution complexity, changing and increasing security standards, increasing scale and performance demand, managing limited resources and minimizing a long ROI realization.

Key Features:

» **Advanced Data Analytics:** Harness the power of real-time data analytics to make informed decisions and improve operational efficiency. The Itron IEOS processes vast amounts of data at the edge, enabling actionable insights and predictive analytics from edge applications.

» **Seamless Integration:** The Itron IEOS seamlessly integrates with existing infrastructure, ensuring a smooth transition and minimal disruption. Its open architecture supports a wide range of devices and communication protocols, and includes Itron's DataHub, which enables data subscriptions to operationalize analytics results from applications.

» **Enhanced Security:** Protect your critical infrastructure with robust security features. The Itron IEOS includes advanced encryption and continuous monitoring to safeguard against cyber threats.

» **Scalability:** Whether you're managing a small network or a large-scale deployment, the Itron IEOS scales effortlessly to meet your needs. Its flexible architecture allows for easy expansion and adaptation.

Itron Intelligent Edge Operating System: Cohesive API, Data Architecture and User Experience

Benefits:

» **Improved Reliability:** Reduce downtime and enhance the reliability of your grid edge intelligence solutions through standardization, simplification and real-time monitoring.

» **Cost Savings:** Optimize resource allocation and reduce operational costs through efficient data management, standardization and automation.

» **Customer Satisfaction:** Deliver superior customer service with faster response times and improved outage management.

» **Accelerate Innovation:** Reduce the time it takes to roll out new advanced analytics applications to see the benefits of new components as they plug into the Itron IEOS.

Applications:

» **Data Management:** Provide actionable insights to all your stakeholders—consumers, third parties, regulators and more—with meter data management systems (MDMS) that collect, store, validate, manage and share data.

» **Operations Optimizer:** Enhance your metering infrastructure with pre-built analytics that ensure optimal network operations for electricity, gas and water utilities to deliver high AMI billing read rates and, therefore, achieve next-generation, value-added benefits.

» **Grid Edge Optimizer:** Improve grid reliability and efficiency with automated fault detection and isolation.

» **Flexibility Optimizer:** Optimize energy usage and reduce peak demand with advanced demand response programs.

» **Consumer Engagement & Enablement:** Create engaging customer experiences to effectively plan, operate, optimize and seamlessly integrate renewable energy sources for a more sustainable future.

Why Itron?

With decades of experience in the utility industry, Itron is a trusted partner for utilities worldwide. Our commitment to innovation and customer satisfaction drives us to deliver solutions that meet our clients' evolving needs. The Itron Intelligent Edge Operating System is the next step in our journey to empower utilities with the tools they need to succeed in a rapidly changing landscape.

To learn more visit **itron.com**

We create a more resourceful world