

Smart Building Solutions Features

The SmartWorks suite includes Altair SmartEdge™ for device communication, Altair SmartCore™ to manage IoT devices and data, and Altair SmartSight™ for advanced data analytics.

SmartEdge	
Convergence at the Edge	SmartEdge makes edge communication, device provisioning, and data connectivity fast and easy. It's the intersection between edge devices and the cloud, aggregating and normalizing data streams from varied protocols and securely communicating that data to the cloud.
Connectivity	Drive value from your IoT projects more quickly and easily. SmartEdge automatically connects with devices from a wide variety of protocols, reducing implementation time and improving data qualification.
Interoperability	Compatible with most popular building protocols including BACnet IP, MODbus, Ethernet IP, Bluetooth, Zigbee, Insteon, ZWave.
Security	Be sure your data is secure. SmartEdge offers a fully secured connection between the edge and cloud, incorporating strong key authentication and data encryption.
SmartCore	
Device Management	Utilize Altair SmartCore's auto-provisioning to quickly onboard devices then remotely maintain, update, control, and interact with devices regardless of location.
Cloud or On-Premises	Enjoy peace of mind and let Altair SmartCore manage your IoT infrastructure, both for on-premises and PaaS deployments.
Scalability	Altair SmartCore is built on an open architecture designed to scale, it has flexible licensing, and is supported by a growing global partner ecosystem. There's almost no limit to how quickly your project can grow.
Project Management	Manage project, device, and user privileges and data visibility with Altair SmartCore's advanced access control features.

SmartSight

Web Service data connectors	Connections to web service URL to fetch data packets or MQTT service to receive push notifications. Dashboards update in real-time.
Monitor Charts	With SmartSight easily link/join multiple data sources. Create dynamic dashboards and charts containing data from multiple sources.
Alerts & Notifications	SmartSight lets you define alerts to be delivered to emails recipients when a value is outside a user defined threshold.
Forecasting	Analyze data against multiple predictive models and pick the 'best' model for predicting/scoring new data.

Visit altairsmartworks.com to learn more.