

Gigaton Spotlight: Intellastar

About Intellastar

Intellastar leverages cutting-edge Internet of Things (IoT) connectivity and AI-driven analytics to optimize energy usage, lower costs and reduce emissions at industrial and commercial facilities.

Gigaton Pathway: Renewable Energy & Storage

- Intellastar's T-Stars monitor systems in facilities and the state of the utility grid to enable real-time optimization of energy consumption and generation assets.
- Advanced AI algorithms predict energy demand, identify demand response opportunities, optimize renewable energy resource usage and automate load management to deliver results.
- Distributed energy resources (DERs), such as solar panels, batteries and EV chargers, are orchestrated to reduce grid dependence, lower costs, reduce emissions and generate revenue via demand response programs.



Intellastar is contributing to AT&T's Gigaton Goal

- Intellastar's Energy Analyst platform enhances energy management and grid stability through monitoring, analyzing and delivering results that leverage the state of the grid, DERs and facility systems with automation to optimize energy use, reduce reliance on the grid and incorporate renewable energy at key times.
- Energy Analyst uses AI-driven analytics and real-time data to automate load management, peak shaving and enable demand response that delivers cost savings, DER optimization and emissions savings.

Connectivity helps enable Intellastar's success

- Intellastar utilizes AT&T IoT connectivity on T-Stars to seamlessly integrate Energy Analyst with systems such as metering, the local utility state, DERs, HVAC and lighting. T-Stars collect data locally and communicate through secure connections to enable instant processing and actionable insights.
- The work with Intellastar exemplifies AT&T's commitment to using connectivity and expertise to drive innovative solutions that tackle environmental issues.