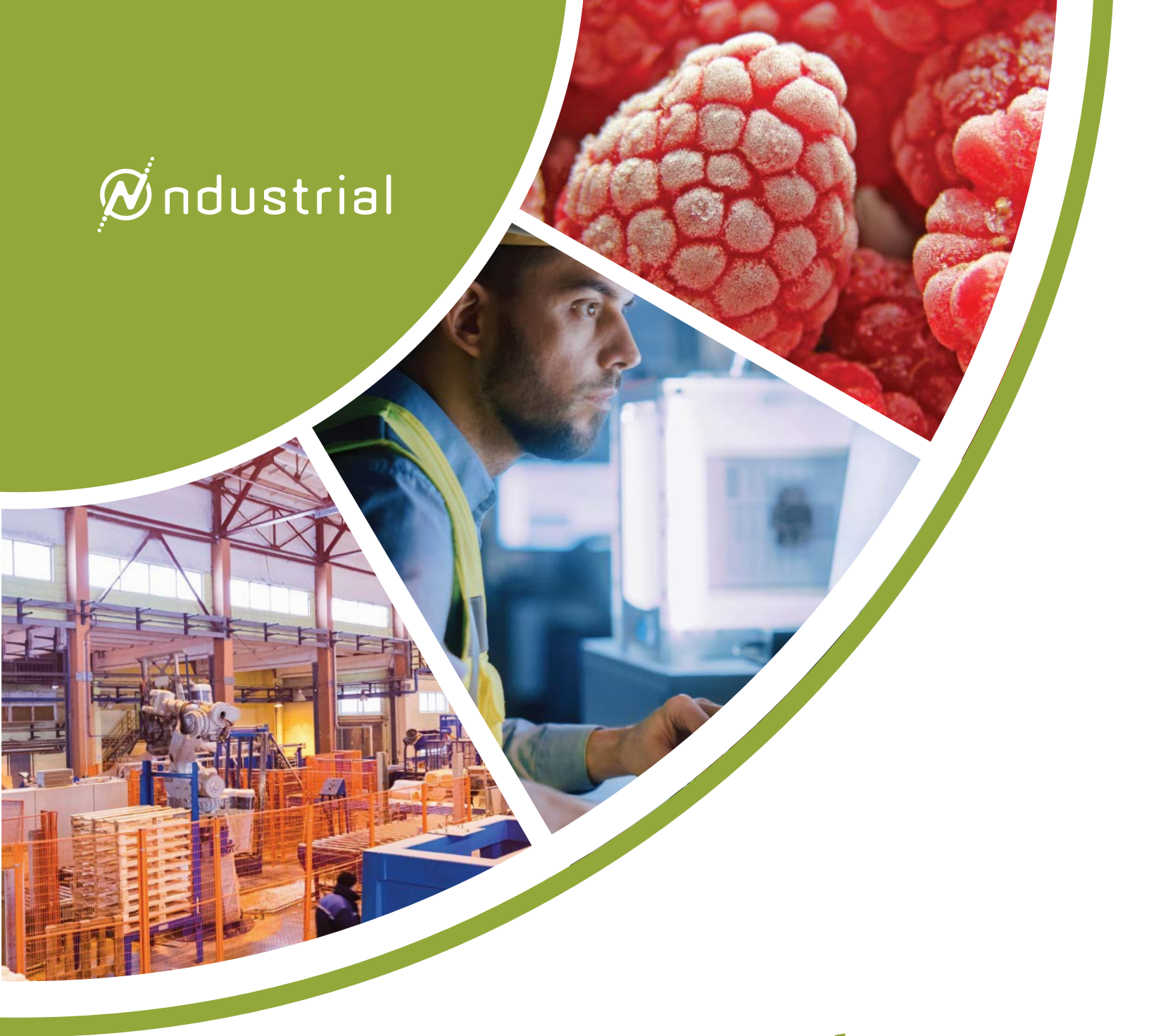


 ndustrial



Use **Less Energy**
and Generate
More Production

nsight Product Guide

Improve Production Efficiency

Turning Energy Efficiency into Production Efficiency

We understand the unique challenges you face in the Food Chain industry—compared with normal temperature facilities, the Food Chain has higher requirements, more complex production demands, and elevated energy consumption. It's because of these unique industrial challenges, that we purposely built nsight™ —the only production-first industrial Energy Intelligence software solution.

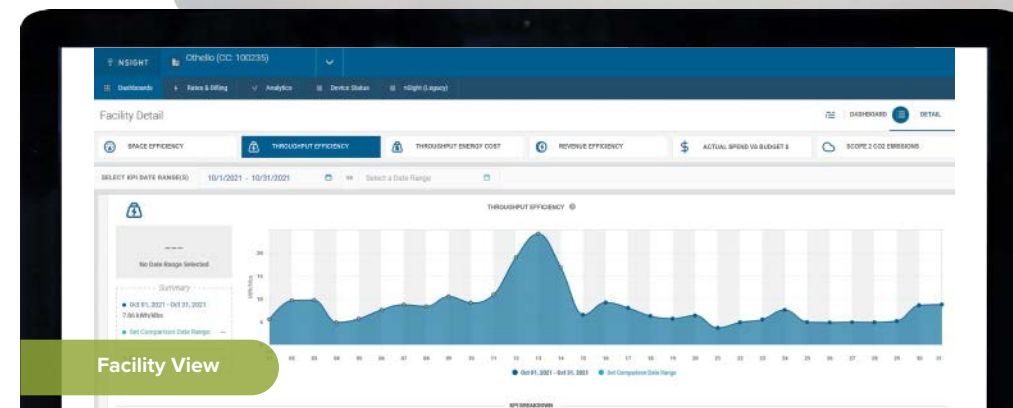
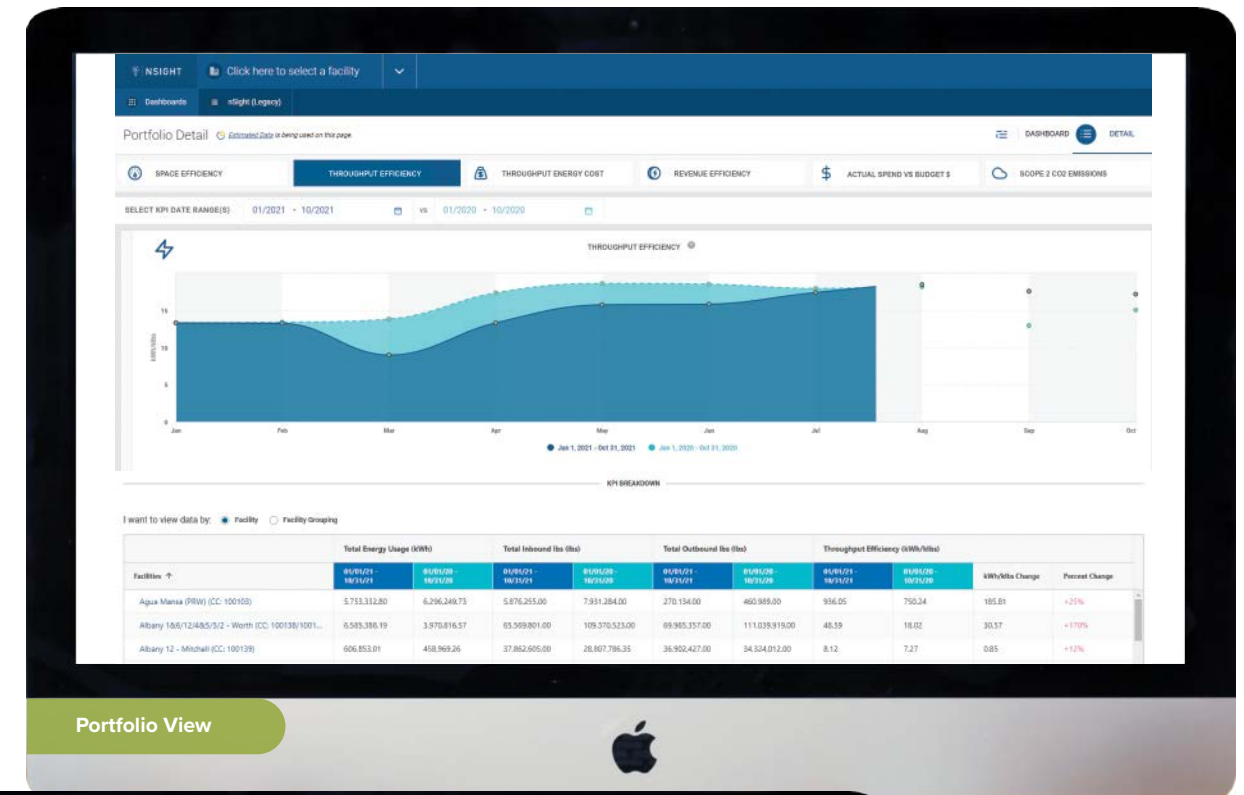
nsight enables next generation Energy Intensity monitoring and management across not only your facility—but also your production operations. Our Energy Intensity software is squarely focused on measuring and improving the amount of energy you use to produce a single unit of output. Our IoT and software-based approach lets you quickly understand performance through our dashboards and reports.

- ▶ We fuse production and energy data together—integrating data across your warehouse management systems, sensors and meters, ERP systems, and equipment and machines.
- ▶ Your production data and facility KPIs are at the core of our nsight solution to help you improve performance.
- ▶ Your production normalized Energy Intensity helps you optimize your production and energy efficiency. From how much energy you're using to freeze and store one unit of product revenue, to leveraging blast freezing to accelerate freezing times while using less energy, to shifting energy load to move things through the production process faster ...nsight has you covered.

Reducing or adjusting energy use at the right time requires a comprehensive understanding of your facilities' operational and energy patterns. nsight, together with our team of energy experts, will help you understand which assets are performing well and where you can improve production processes. Plus, all your essential energy data is presented in two easy-to-use dashboards (across one facility or all your facilities).

nsight Features

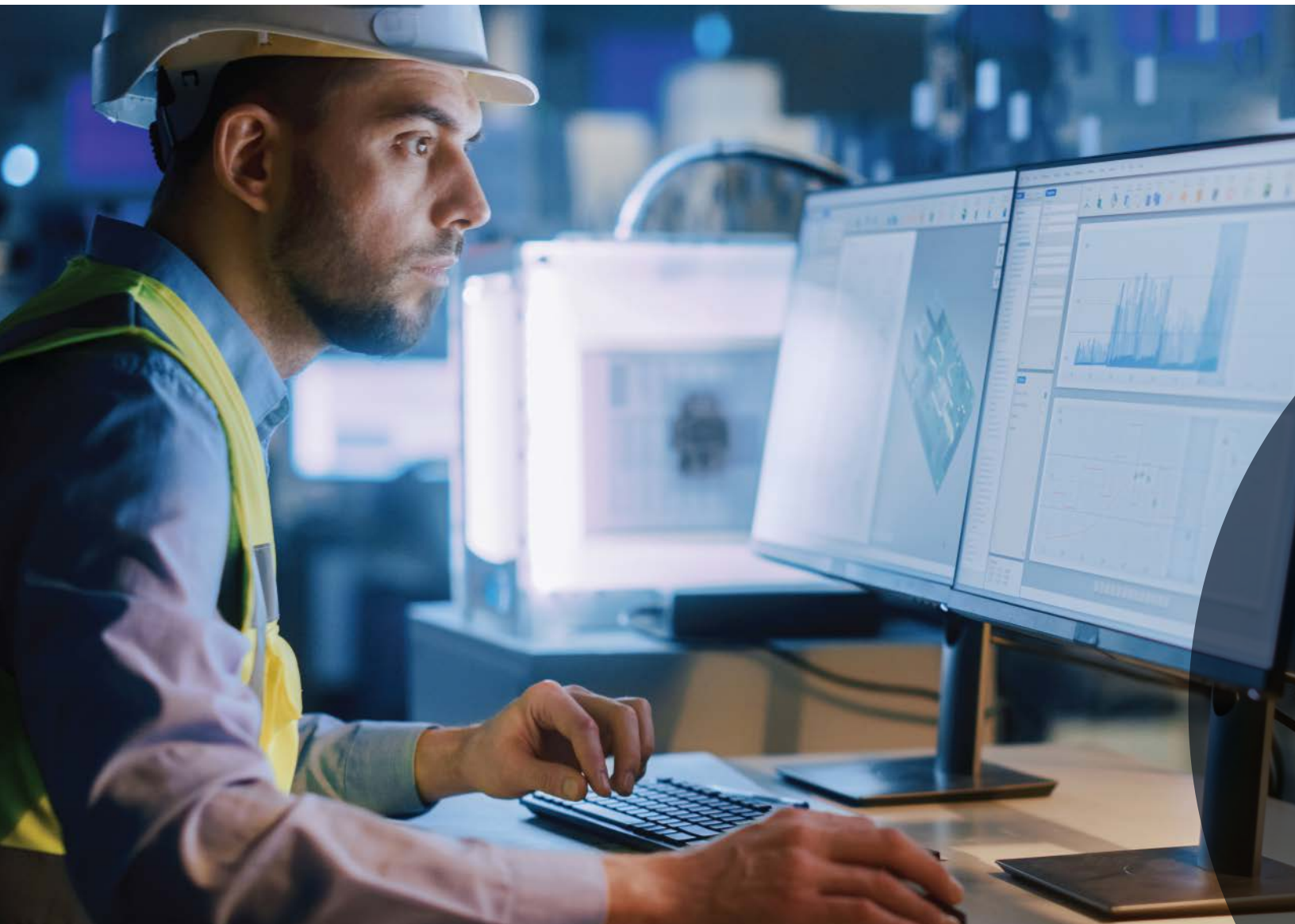
- ▶ Real-time Throughput Efficiency—tracking how efficiently your facility is using energy compared to production.



Improve Production Efficiency

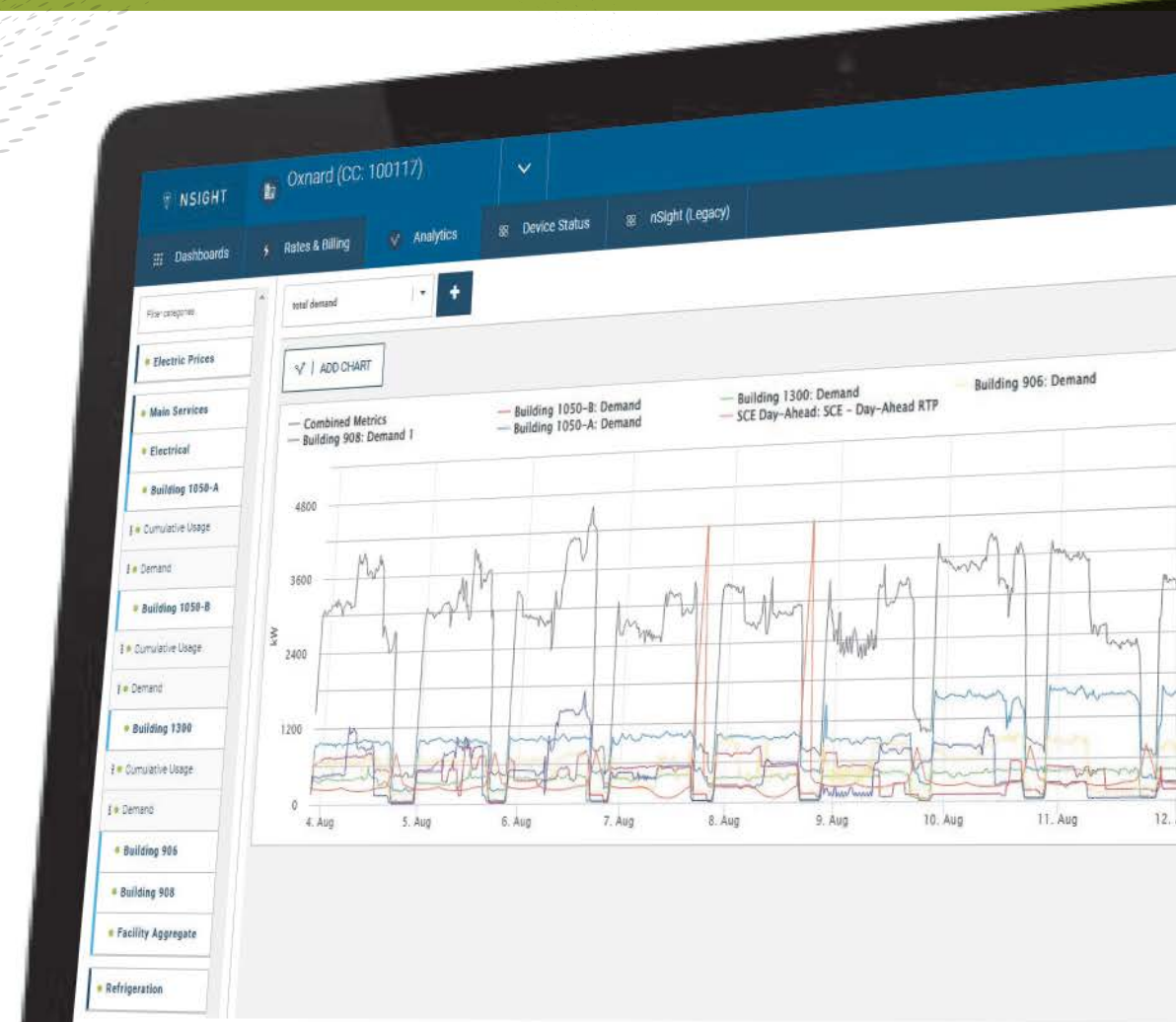
nsight Features, cont'd.

- ▶ Production Optimization Recommendations—including how to move things faster through the freezer to drop Energy Intensity levels.
- ▶ Automated Device Alerts—delivering automated notifications for any system or device that's not performing optimally.
- ▶ IoT device analytics—dig deeper to determine which devices or equipment may be causing energy spikes.



83%

of industrial energy savings remains untapped



Benefits

- ▶ Quickly identify how changes in production, e.g., blast freezing, impacts energy and throughput.
- ▶ Improve individual and site-wide analysis of your production throughput and energy usage via nsight dashboards.
- ▶ Receive real-time data for instant decision-making, analysis, and adjustments to your manufacturing process.
- ▶ Leverage real-time alerts to keep your hardware up and running.

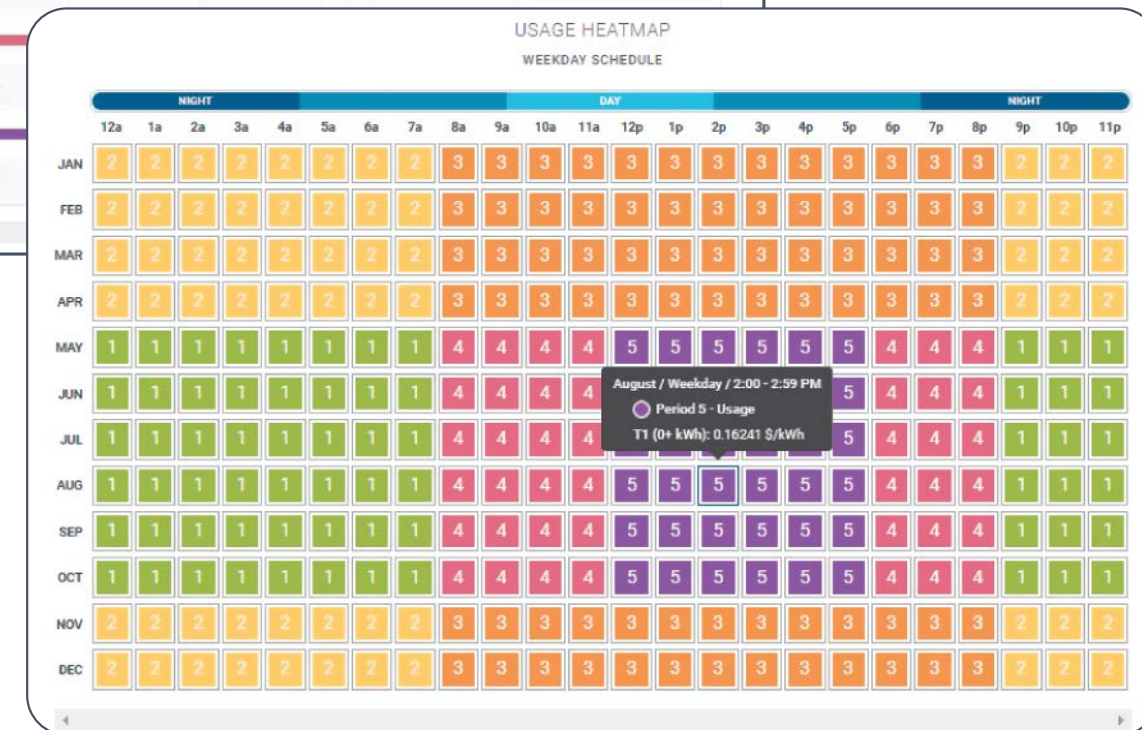
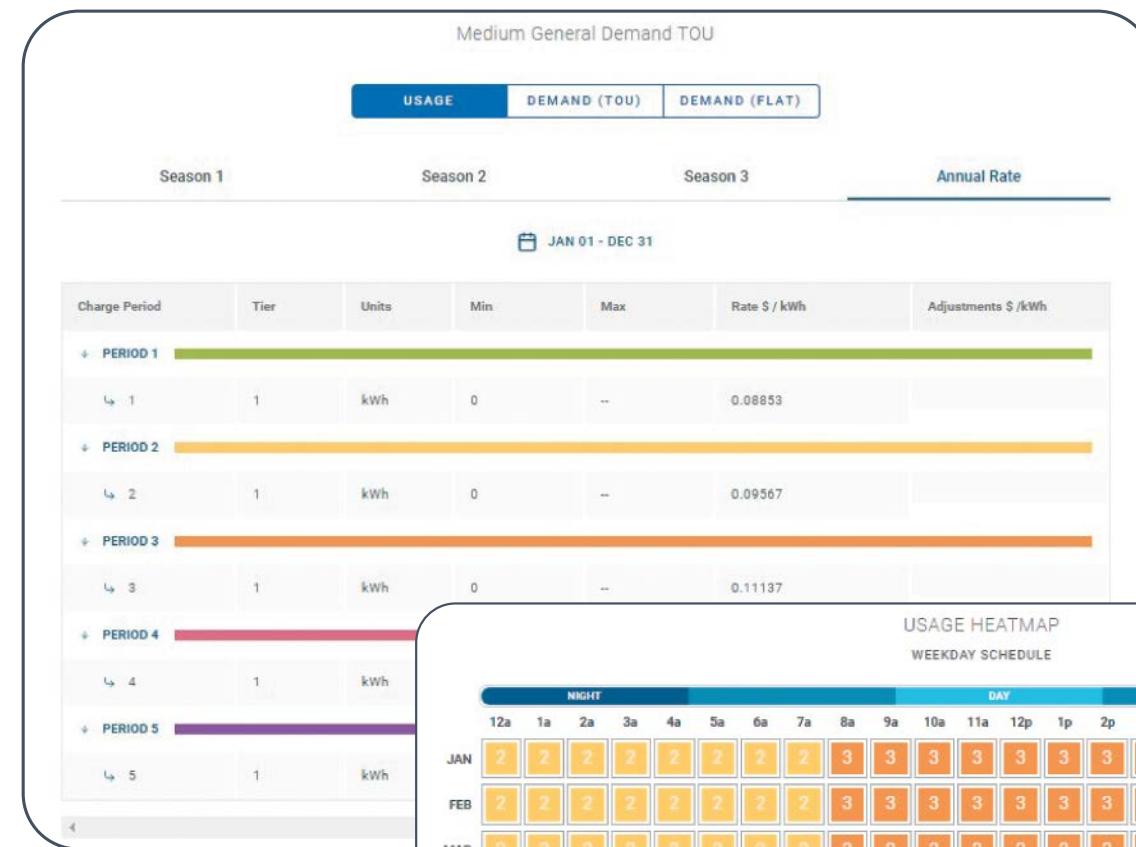
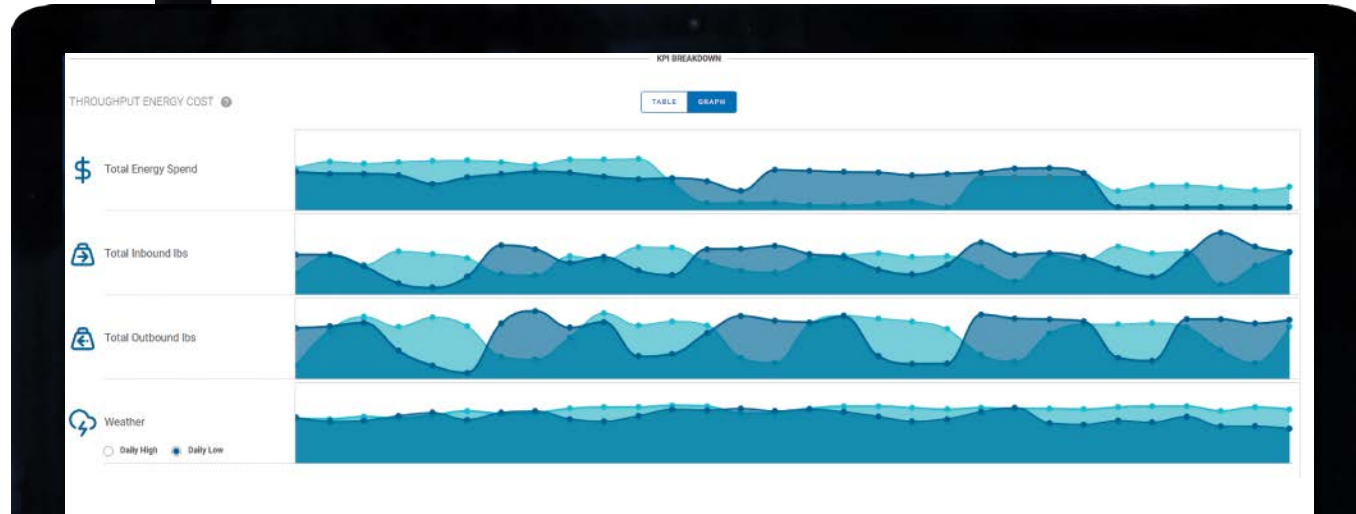
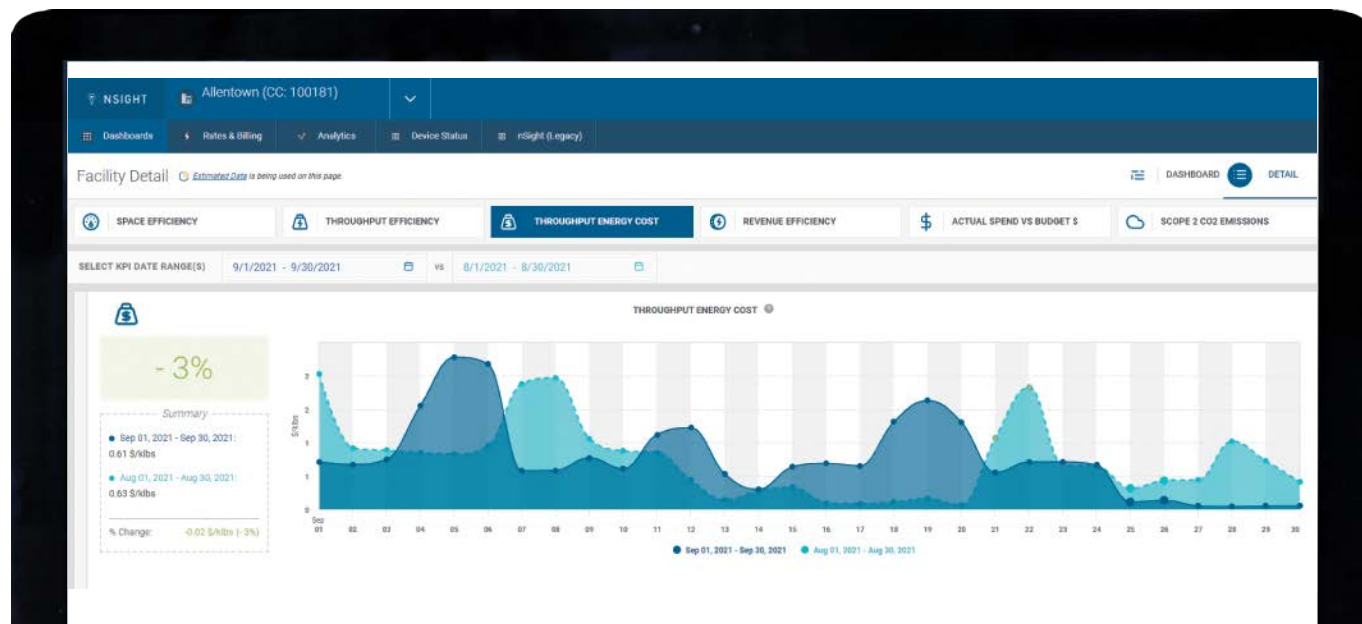
Control Energy Costs

Fluctuating rate tariffs, facilities spread across multiple regions, and complex utility contracts can make managing energy costs challenging. Reliable energy tracking through our nsight software, gives your company the opportunity to pinpoint and correct inefficient operations, identify expensive energy periods, and more effectively budget for one of your most expensive line items.

nsight Features

- ▶ Throughput Energy Cost monitoring & management—validating how effectively your facility is spending money on energy compared to throughput.

- ▶ Space Efficiency monitoring & management—to track how efficiently your building is using energy.
- ▶ Advanced Rate Tariff Engine—keeps you apprised of how your facility is charged for electricity—enabling better load management now and in the future.
- ▶ Real-Time Demand Comparison Chart—delivers up-to-date demand readings and enables smarter usage and control of your energy costs.





Benefits

- ▶ Lower your energy costs by quickly identifying expensive energy periods, how much energy is being consumed, and how much you're paying for your energy.
- ▶ Leverage a detailed view of your facility or portfolio KPIs to identify where you may be over-or underperforming.
- ▶ Receive actionable, energy intelligence from the site, down to the device level, to help you manage energy consumption and reduce energy spend.
- ▶ Set-up and receive alerts via nsight which quickly shows high usage, where you're using the most energy, and which tier you are in.

50%
of industrial energy
is wasted

Boost Margins

In a world of highly variable energy cost and risk we know the harmonization between energy and production is key to intelligent decisions, cost savings, and automation. To truly drive energy efficiency, decisions need to be made immediately with real-time data.

nsight Features

- ▶ Revenue Efficiency monitoring & management—tracking and reporting how effectively your facility is using energy for production.
- ▶ Project Performance Tracking—delivering visibility into project savings across one or many facilities.
- ▶ Energy Budget Management—lets users see their actual energy spend vs. budgeted energy spend.

Benefits

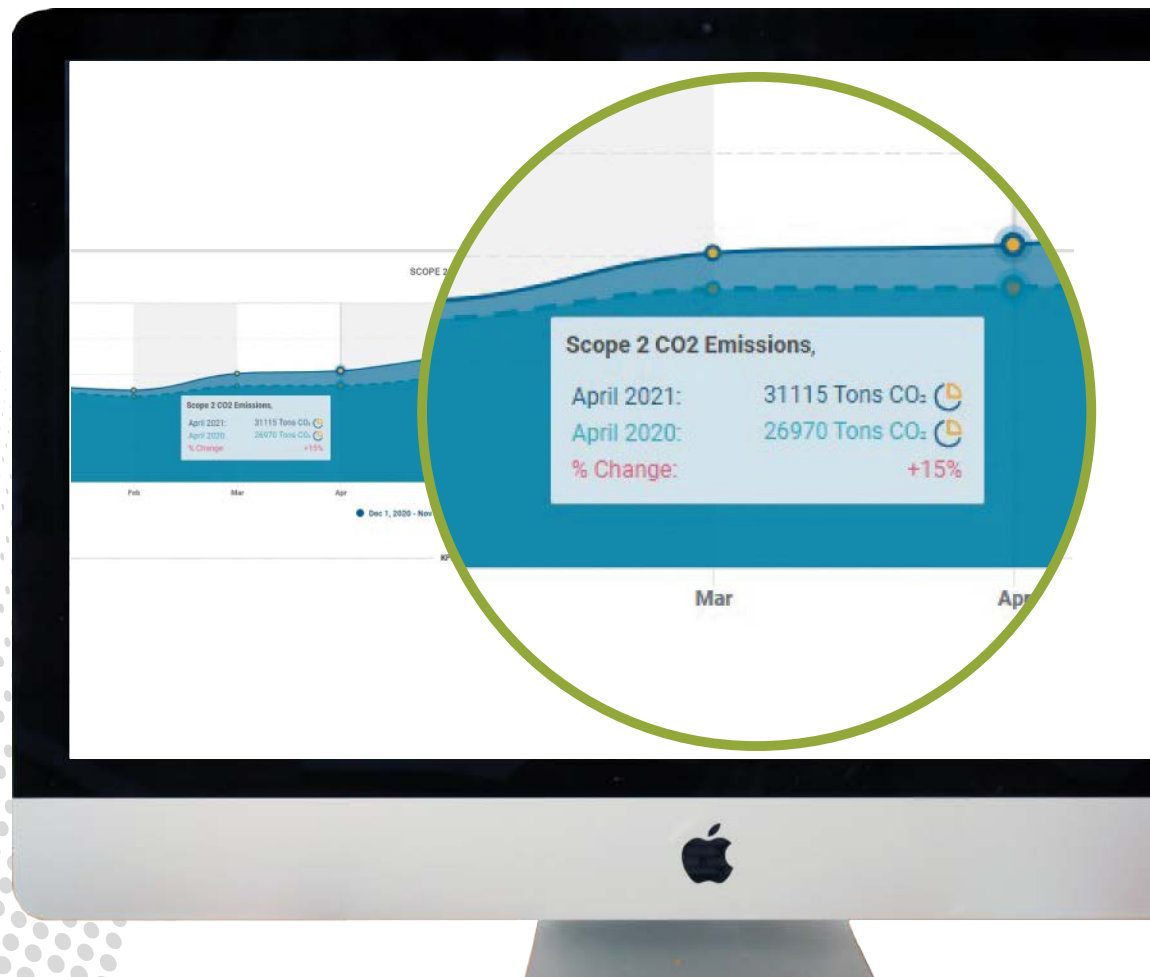
- ▶ Drive business growth through real-time Energy Intensity KPI's—uncovering correlations between energy usage and spend per unit of production.
- ▶ Receive insights and understanding of how projects—such as blast freezing—impact budget and energy usage.
- ▶ Gain visibility into significant energy users through sub-metering—giving you real-time data on what's consuming the most energy and allowing you to take preventative action quickly.
- ▶ Leverage legacy systems without the need to invest in new technology.
- ▶ Receive immediate value with minimal data from utility costs and trends and continue to add data and insights as additional smart sensors, meters, and hardware is installed.



Whether your organization has made a Net Zero commitment, or your customers and partners are asking for carbon footprint data, nsight gives you the most granular carbon and energy intensity calculations. From the customers in your warehouse and their product lines, down to a specific SKU, nsight provides the best reporting by energy production source.

nsight's Carbon Reporting Provides:

- ▶ Carbon intensity tracking by state and ZIP codes—identifying correlations between space, emissions, and mapping to specific utility grids
- ▶ CO2 reduction year-over-year (based on kWh consumption)
- ▶ Carbon credit reporting (based on CO2 reduction)
- ▶ Avoided Energy Intensity (as measured by energy per-unit of production)

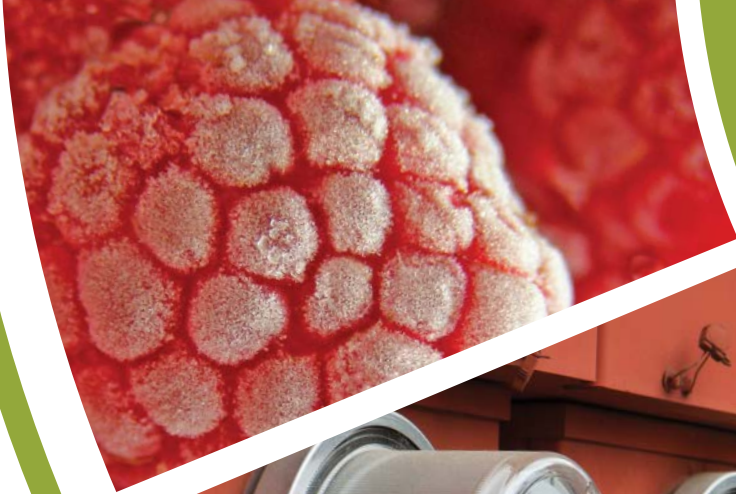


An Outcome Based Approach

nsight is helping facilities of all sizes unlock the potential of optimization algorithms, projects, and programs through our next generation Energy Intensity solution. Our algorithms keep facilities running smoothly by leveraging the true value of your energy and production data. nsight will help you accelerate new efficiencies at scale. We deliver what's truly important—and extremely difficult to achieve—leveraging insights learned to actually optimize production and impact your bottom line.

To learn how you can use less energy AND generate more production contact us at info@ndustrial.io or 919-864-2264





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