



# blackPAC Utility

- Tracks and verifies utility consumption, demand and systems energy performance.
- Integrates with utility meters, offering visualization and reporting for operations, finances, and GHG emissions management.
- This module is a part of the range of energy management and decarbonization pathway offered under the Distributed Energy Resource Management Services (DERMS) framework



## Cost & Consumption Tracking

Gain real-time visibility of utility trends and identify savings opportunities across your facility's portfolio



## Sustainability reporting

Understand your CO2 footprint and easily measure your emissions for reporting your path to net zero



## Flexible & Customizable

Address the unique trends of your facility's utility consumption through decision-focused analytics and data presentation



## Simple, User-Friendly Interface

Easy-to-navigate desktop and mobile applications providing a seamless user experience



## Unrivaled Data Security

End-to-end encryption for secure remote access to your facility's utility information

## 9 blackPAC Modules

Pick and choose from the eight blackPAC modules that best suit your organization's needs



### Enterprise

Portfolio-wide dashboard for enterprise management, carbon and energy reporting and overall performance. Ability to drill down at site, building and meter level



### Utility

Live utility meter monitoring with targeting and M&V tools



### liveICI

Peak tracking and prediction service for ICI savings with real time alerts and notifications for peak events



### activeICI

Active and automated building demand management & peak shifting for ICI savings



### Solar

Live solar PV monitoring with targeting and M&V tools



### Optimize

Automated real-time optimization of building systems, using AI for continuous improvement



### Carbon

Emissions tracking and reporting for live and historical data



### activeDER

Automated management, coordination and control of renewable distributed energy resources



### Drive

Automated management and control of electric vehicles & peak shaving for ICI savings

## How blackPAC works

Get started in 4 easy steps:

### Assess

Our team determines how best to meet your unique needs, proposing the right modules for your facility.

### Install

Streamlined installation process and upload of your historical data.

### Launch

System goes live - enabling real-time performance dashboard, tracking and alerts.

### Expand & Optimize

Scale and augment with new modules easily added on, including machine learning-enabled Optimize module.