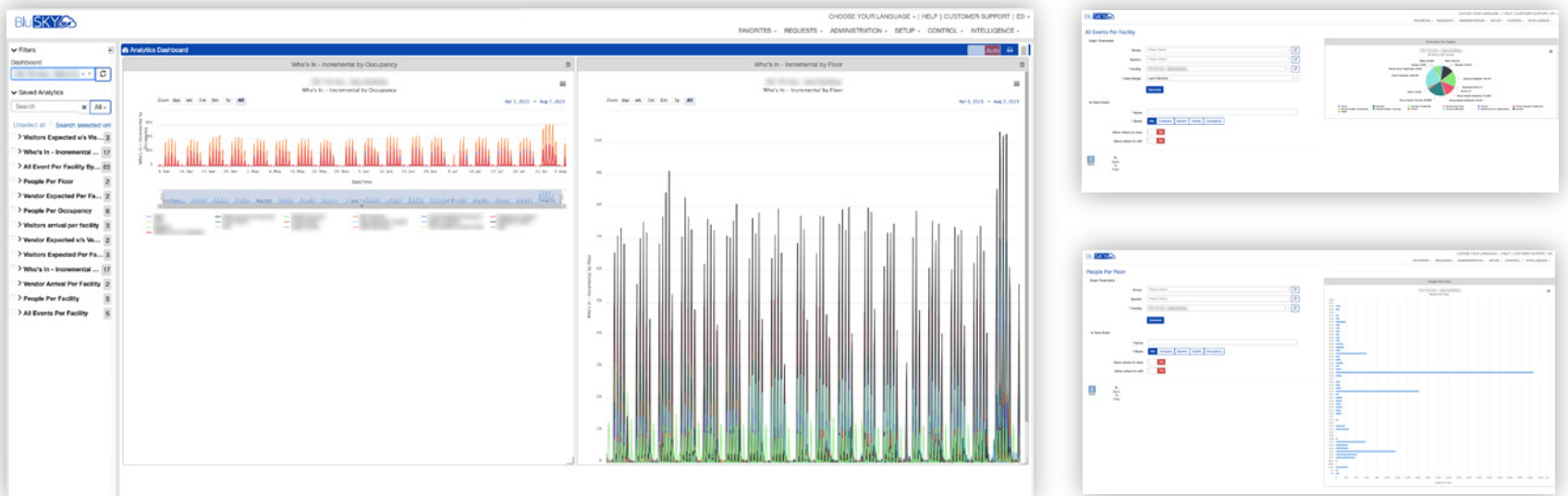# BluSKY Analytics and Analytics Dashboard Enhancement
UNVEILING ADVANCED ANALYTICS AND DASHBOARD ENHACEMENT

Within the "Intelligence" section of the navigation menu, we are actively developing a diverse array of analytics and customizable dashboards. Our objective is to provide a comprehensive selection of analytics covering every facet of BluSKY, paralleling our Reports functionality. This entails a comprehensive range of analytics spanning Video, Access Control, Personnel Information, Visitor Information, and all other system components. These analytics extend beyond mere reporting, as they aggregate data to uncover insights, trends, patterns, and anomalous occurrences. Essentially, they transform raw data into actionable information, which, in turn, contributes to knowledge acquisition and decision-making, either through AI-driven processes or human intervention to enhance decision-making.

The forthcoming release will introduce three additional analytics modules:
• Incremental Tracking by Floor for "Who's In"
• Incremental Tracking by Occupancy for "Who's In"
• Total Occupancy Analysis

Each analytic module will be categorized under credentials, events, people, vendors, or visitors, affording users the ability to filter and save their selections. Saved analytics will be conveniently accessible through the "Saved Analytics" tab and dashboard, while a new "Recurring Analytics" tab will be introduced.

These analytics will not solely serve as insights; they will also serve as input for our deep learning neural network and AI modules. For instance, in our upcoming release, analytics will provide insights into destination systems and floor preferences based on user selections. This information will enable automated elevator dispatching for default floors, streamlining the process and enhancing user experience. This demonstrates how analytics on our platform can trigger further functionalities.

For a comprehensive overview of events, "All Events Per Facility by Category" allows users to select a system and a timeframe to present a breakdown of event categories. This covers approximately 20-25 event categories per system and about 300 event types, encompassing a wide spectrum of events. While online data retention extends to a year, the rest is archived. Our analytics aim to provide historical insights, effectively compressing years of data for meaningful analysis. Customization options abound, allowing users to name, save, share, and tailor analytics for specific system, facility, and occupancy contexts. The user-friendly interface facilitates toggling to full-screen view, chart printing, and the option to download charts in PNG or JPG formats. Furthermore, users can choose to view data on a daily, weekly, monthly, 6-month, 1-year, or all-time basis.

BluBOX

A suite of analytics further enriches our offerings. These include:
- "All Events Per Facility," showcasing total events within a chosen timeframe through a pie chart representation.
- "People Per Facility," which displays the headcount per facility and supports selection of multiple facilities or integrator groups.
- "People Per Floor," a crucial metric for life safety, floor utilization, and building services optimization. This report highlights registered occupants and identifies floors with excessive occupancy.

This extensive collection of analytics is designed to address a wide range of needs, from tracking workforce return rates and growth patterns to predicting building system requirements. It is evident that our security system plays a pivotal role, serving as the foundation for other building systems. Given its data collection capabilities and system interactions, property managers can leverage its analytics for more efficient building management, fostering intelligent decisions and elevating service standards.

Furthermore, the "People Per Occupancy" analysis offers insights into company-specific headcounts, aiding in identifying potential customers familiar with the software and establishing relationships with facility managers. Similarly, "Vendor Arrival Per Facility" and "Vendor Expected Per Facility" analytics shed light on vendor activity, while "Visitor Arrival Per Facility" and "Visitor Expected Per Facility" reports enable comparisons between expected and actual visitors.

The "Who's In - Incremental by Floor" module provides essential insights into occupancy trends, and the corresponding dashboard empowers users to aggregate and view analytics collectively. This dashboard customization is instrumental in deriving a comprehensive perspective on the data.

In summary, our commitment to robust analytics and user-friendly dashboards equips users with insights and tools to make informed decisions, enhance building management, and optimize various operational aspects. The interplay between analytics, deep learning, and AI ensures a dynamic ecosystem where data transforms into actionable intelligence, propelling efficient decision-making.
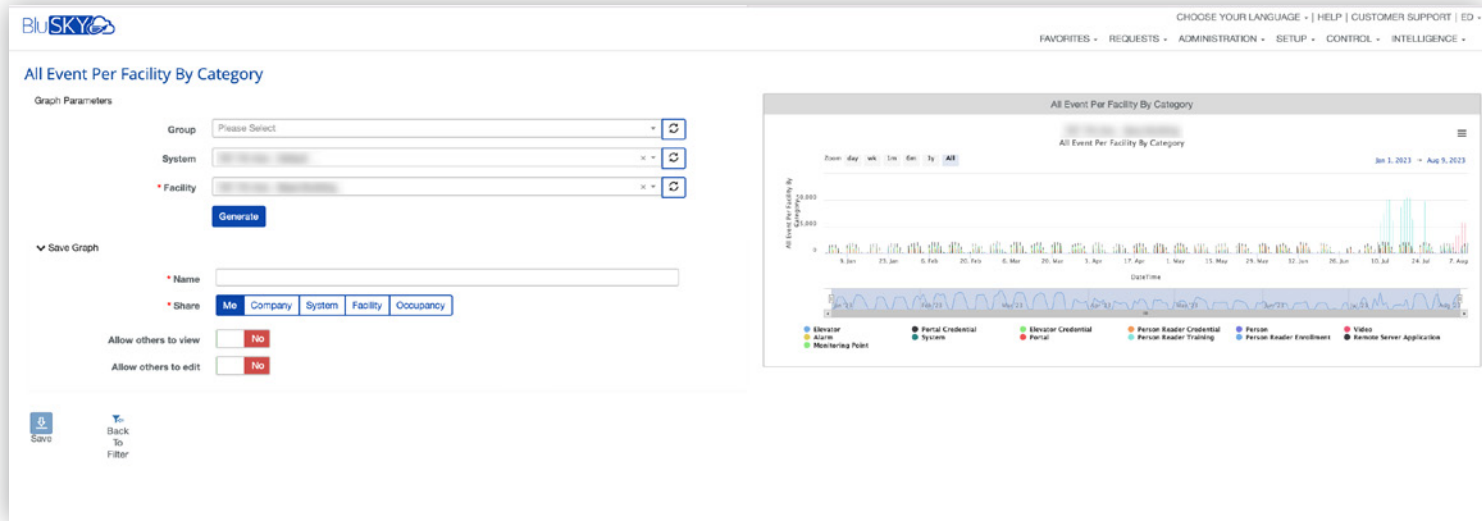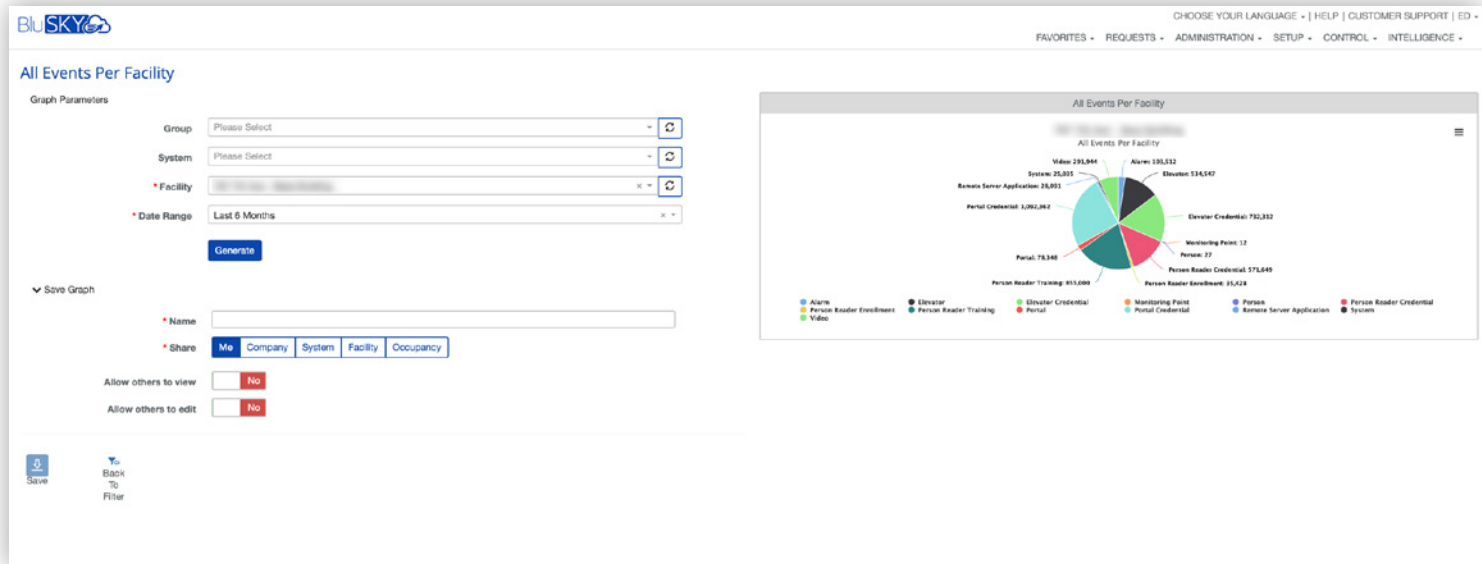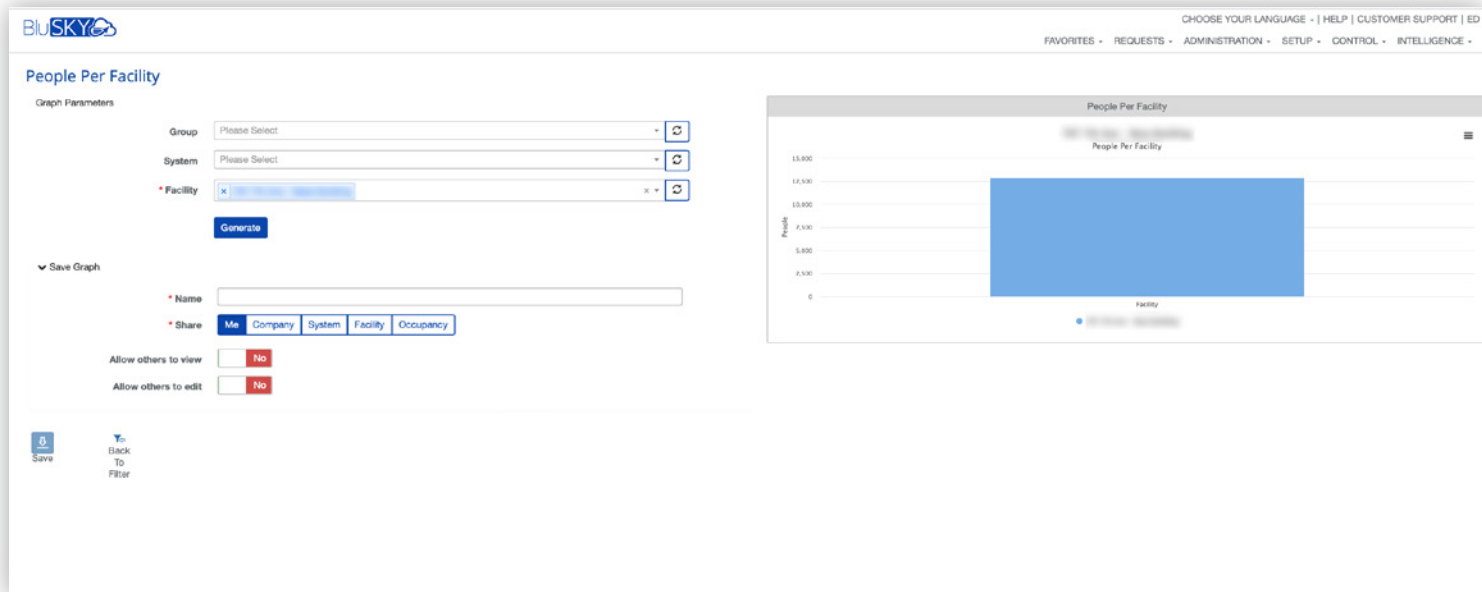
Intelligence Navigation
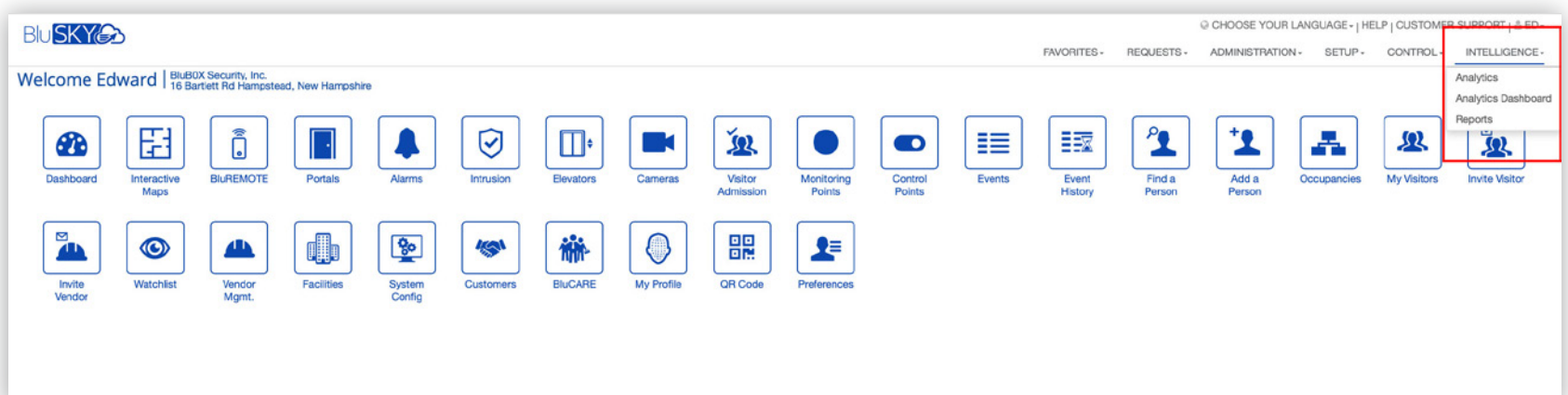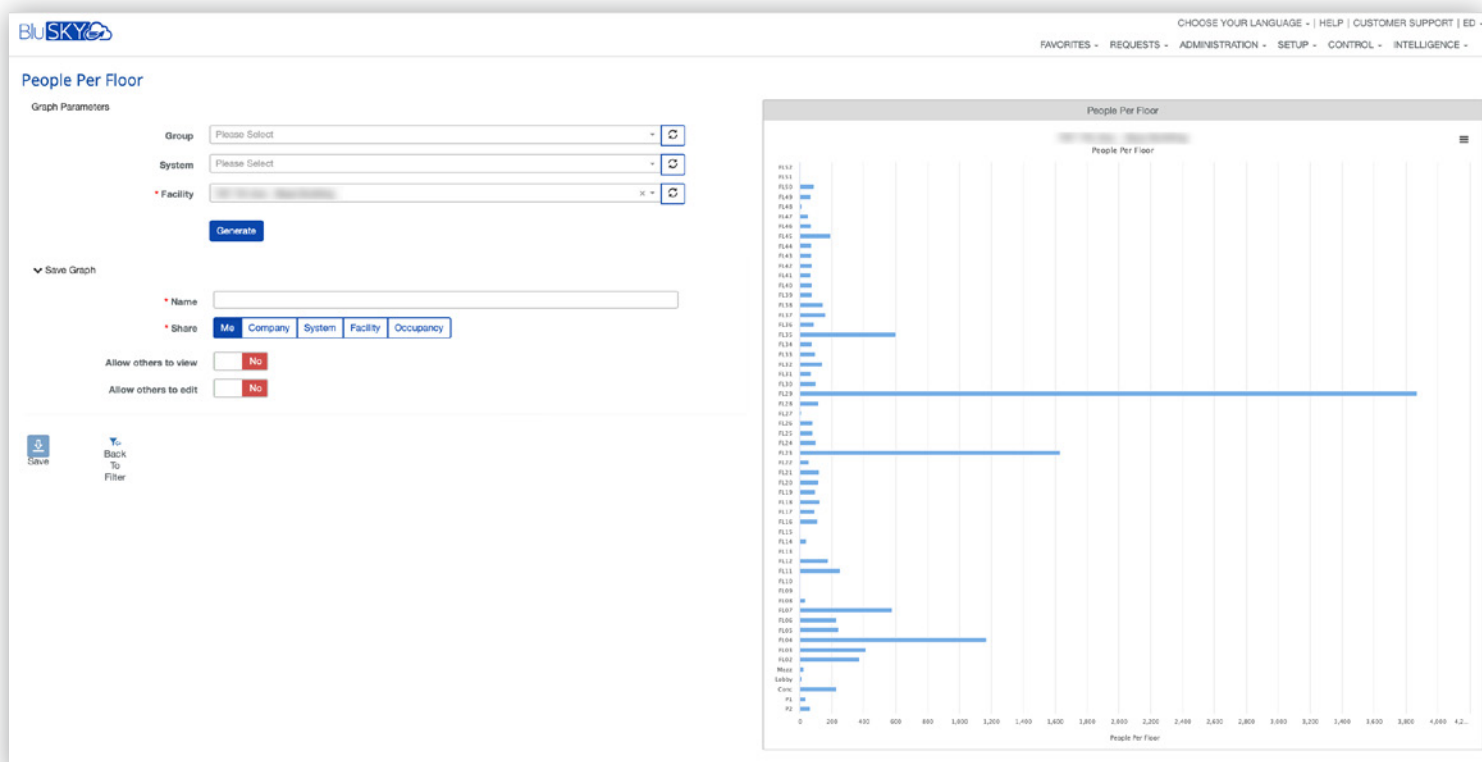

Analytics
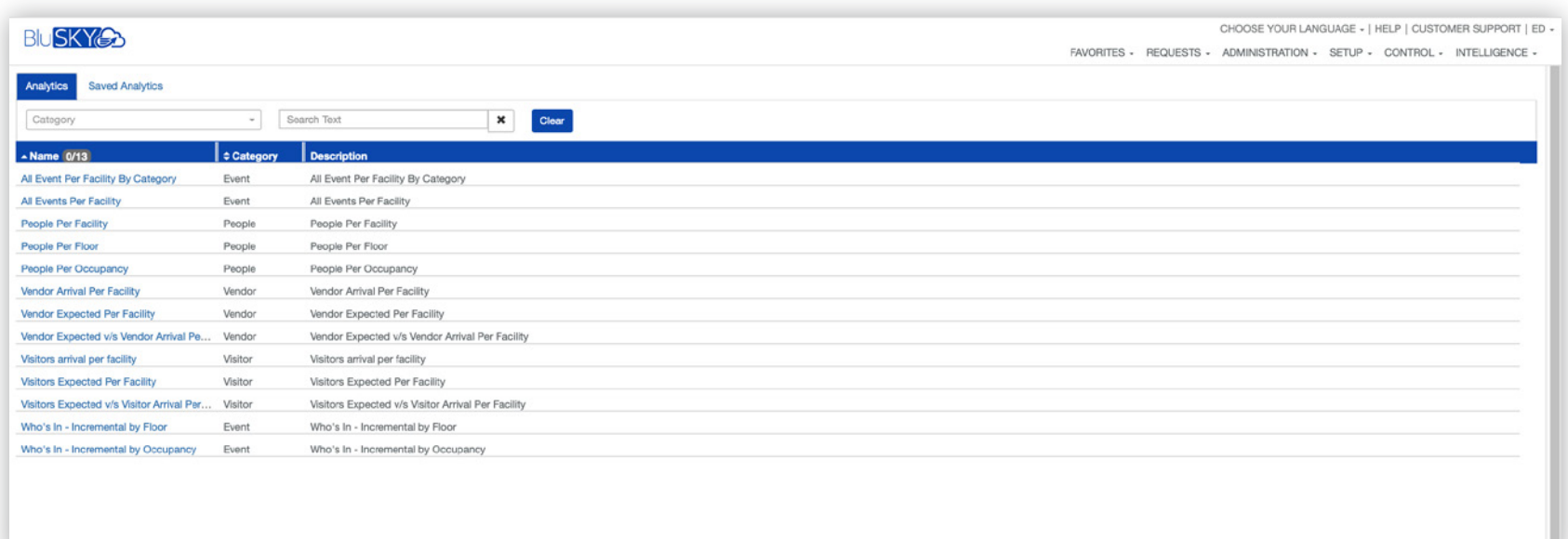
All Events Per Facility By Category

All Events Per Facility

People Per Facility

People Per Floor

People Per Occupancy

Vendor Arrival Per Facility

Vendor Expected Per Facility

Vendor Expected v/s Vendor Arrival Per Facility
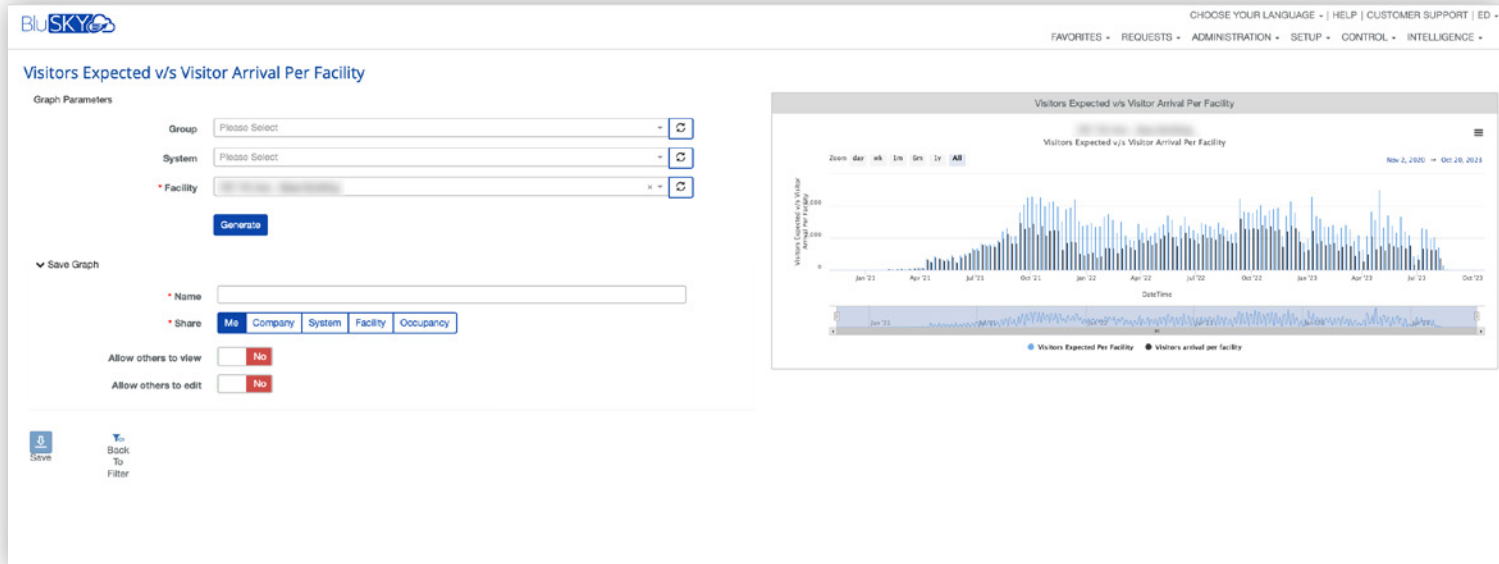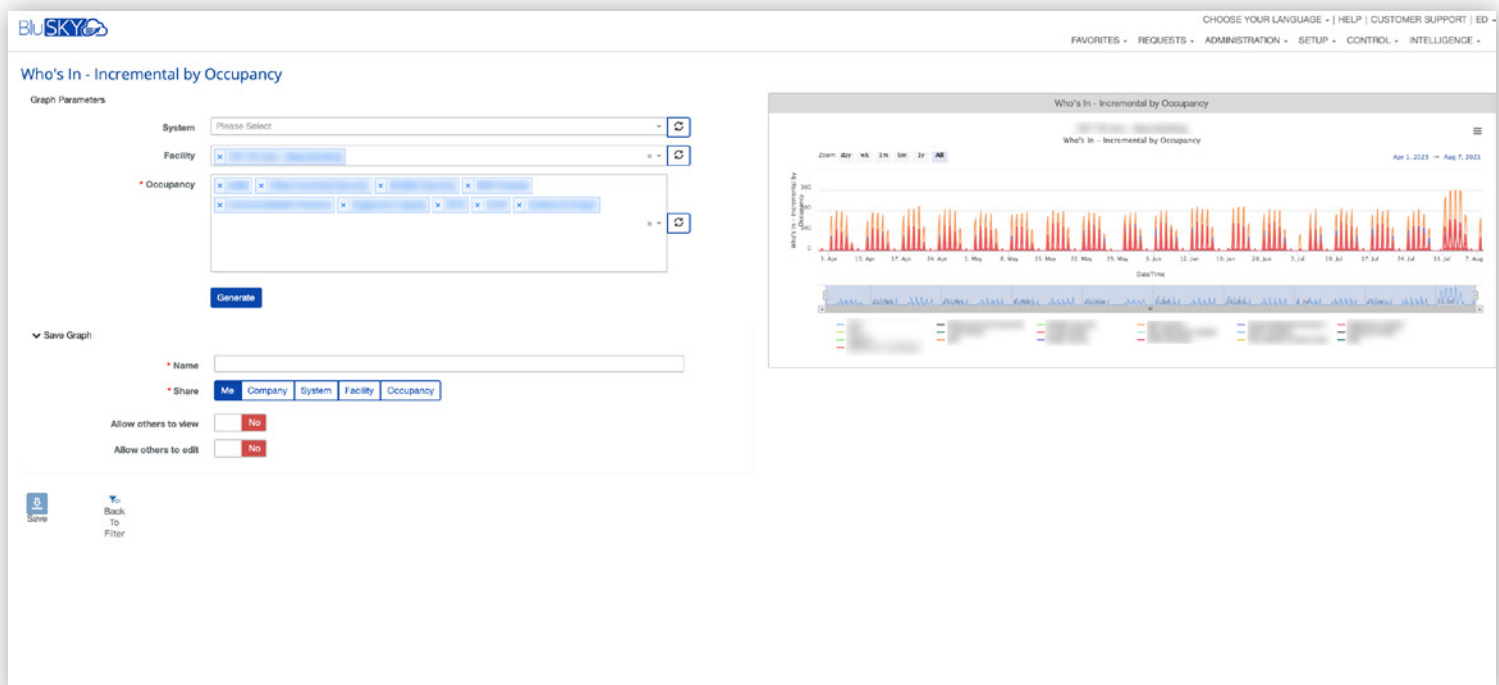
Visitors Arrival Per Facility
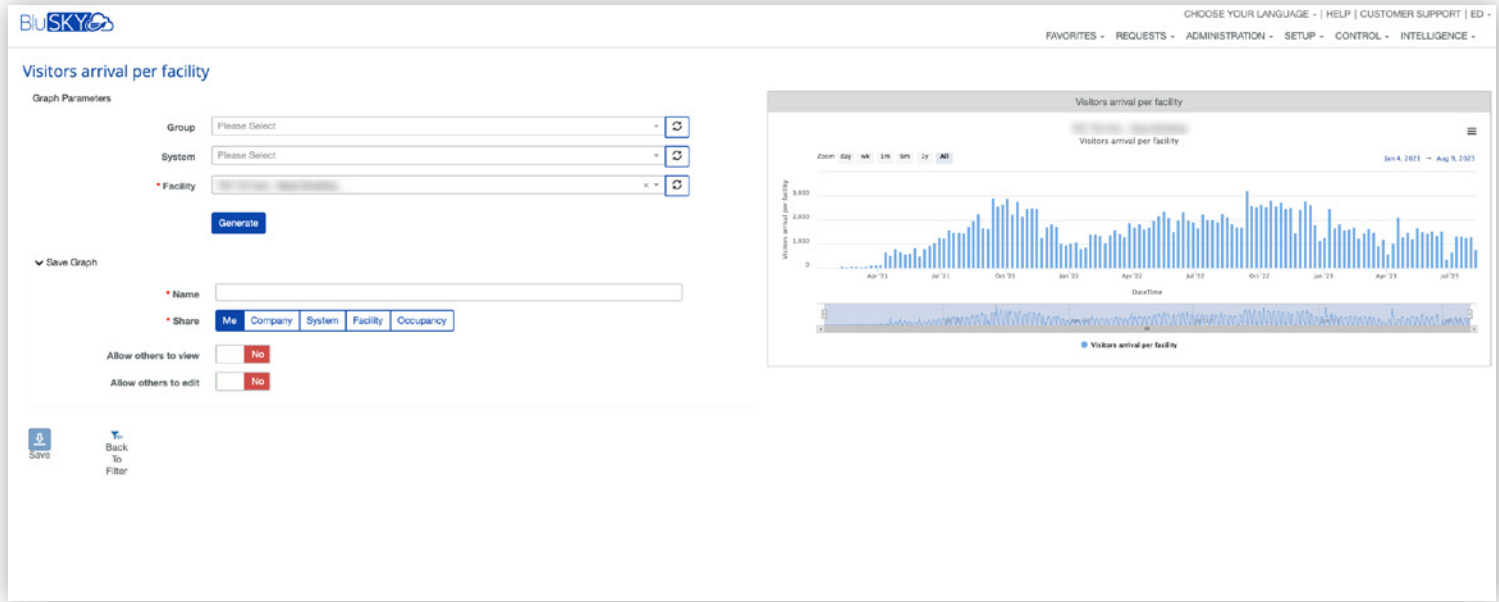
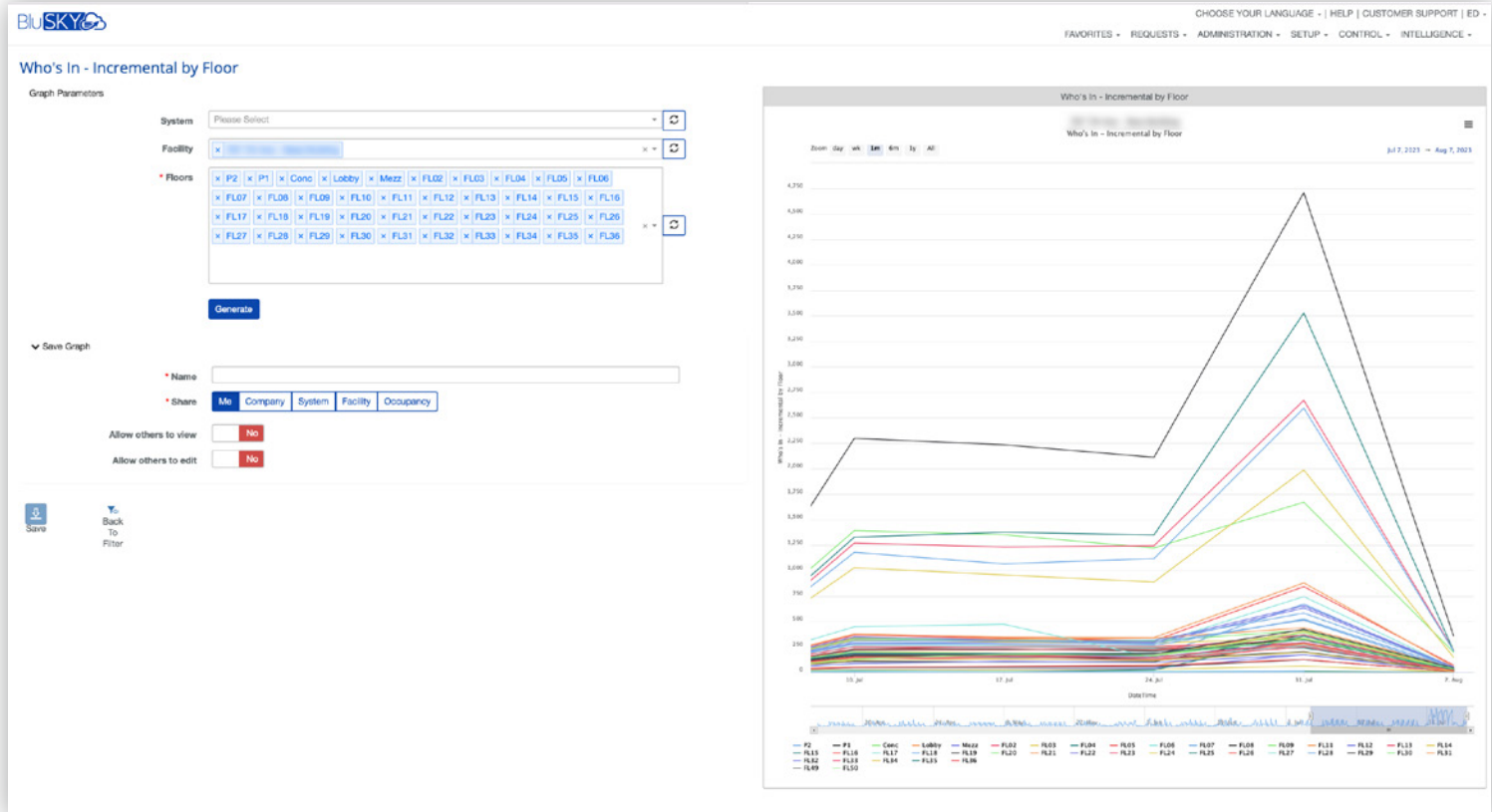## Visitors Expected Per Facility
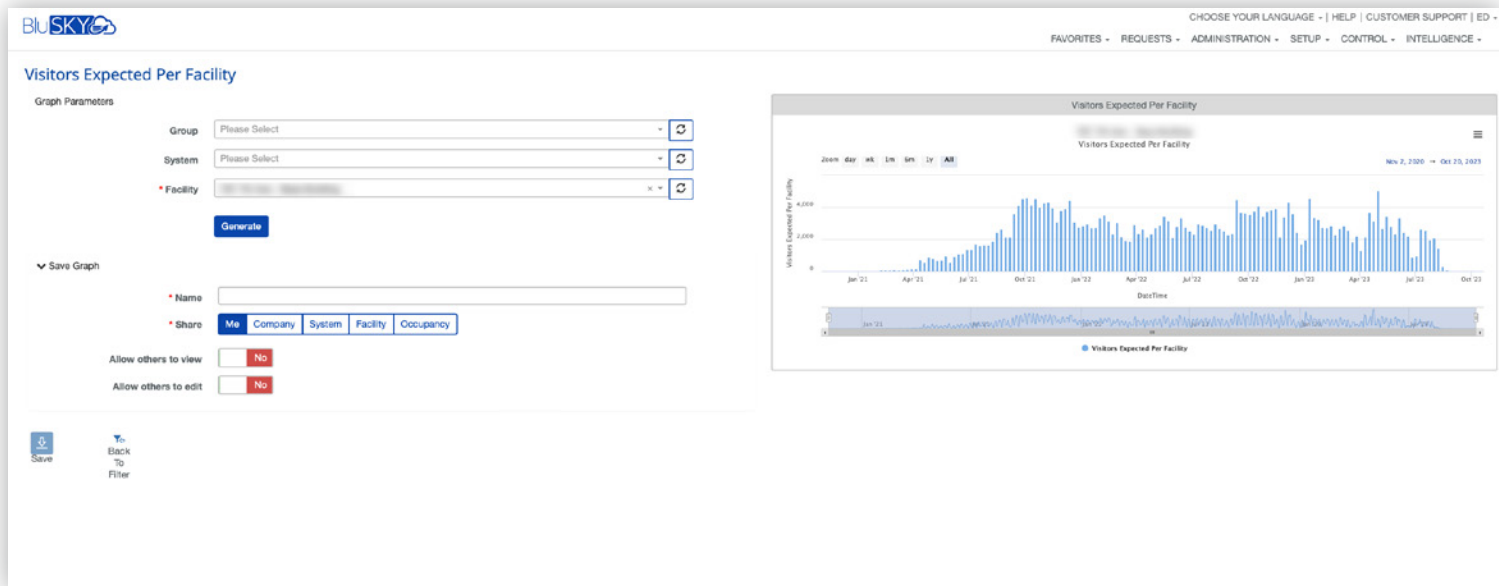
Visitors Expected v/s Arrival Per Facility

Who's In - Incremental by Occupancy

Who's In - Incremental by Floor

Analytics Dashboard

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