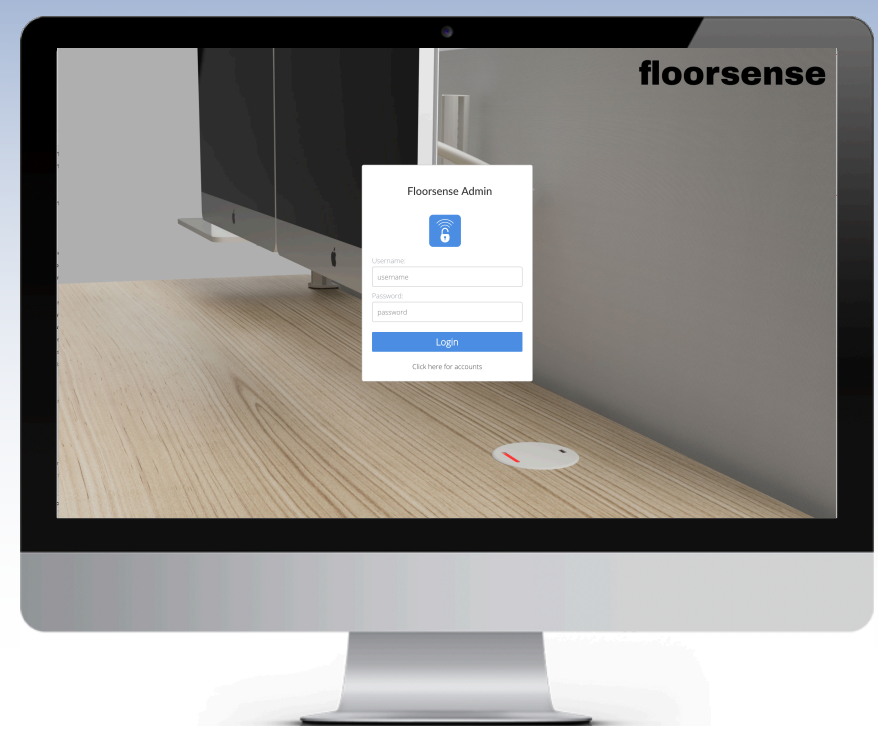# Software
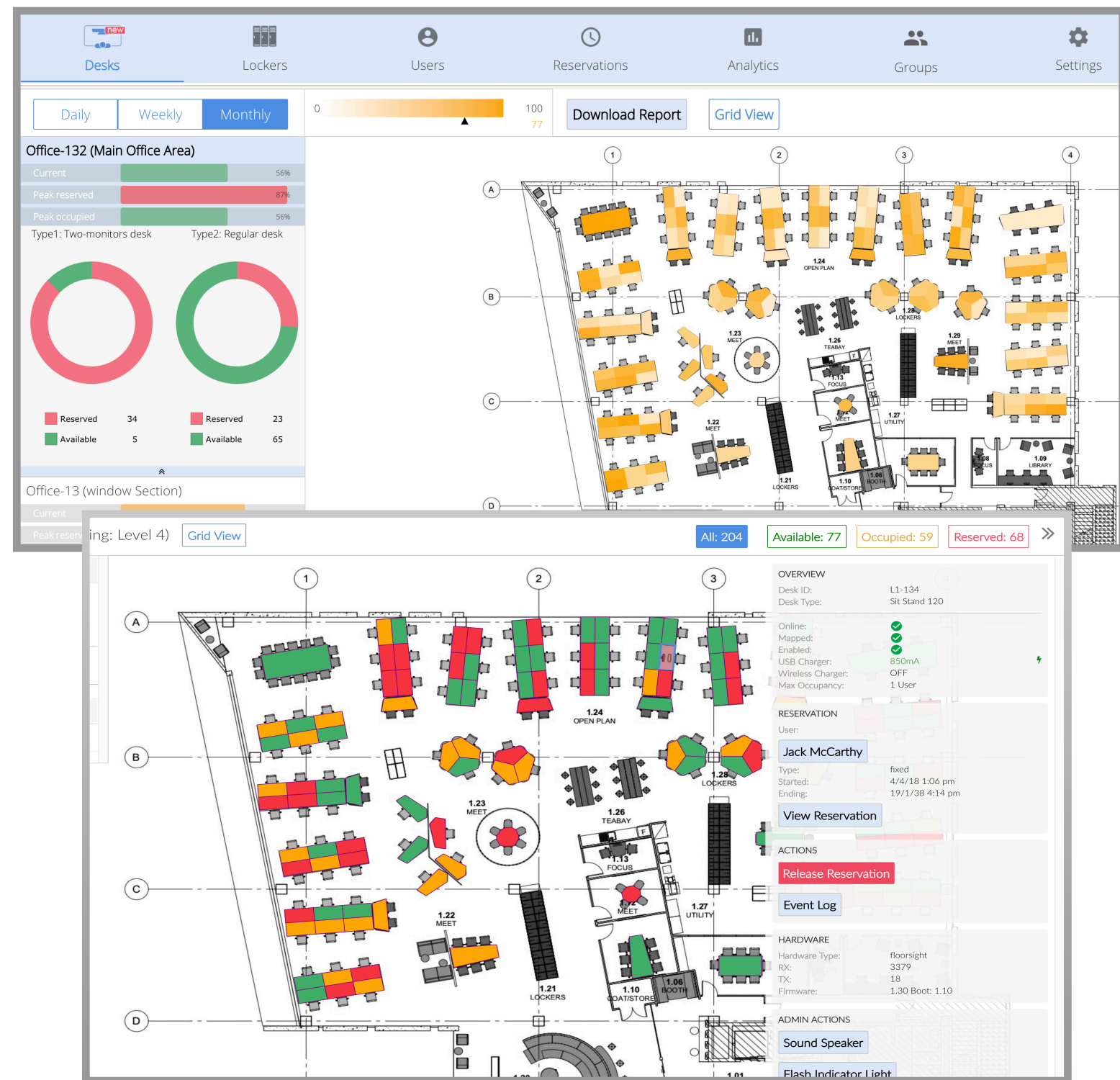## Dashboard and Analytics for floorsense

Realtime Visualization

The floorsense system includes detailed administrator visualizations of current occupancy via heatmaps on a building floorplan. When floorsight modules are also installed, further detail is provided about current workspace reservation state and who is currently working where.

- Floorplan view showing live view of each level within a building. Desks and other workspaces are colour coded based on Free, Occupied, Reserved or Reserved with Privacy requested
- Historical heatmaps show popularity of different areas within floors over days, weeks or month - allowing for planners to identify which type of workspaces are experiencing high demand
- Simple bar charts for each floor show both current and high water mark occupancy and reservation levels on a per floor basis - Understand whether staff have ever been unable to find a desk with real data.

Full Administrative Control

Manage thousands of desks (and lockers) from a single web browser with the floorsense administration interface. Look up users quickly, set office desk policy and create bookings for large project teams that need to work in close proximity

- Find users quickly via Name, Swipe Card number or Employee reference - results include their location on the floorplan and their current desk reservation
- Create powerful user policies for your ABW workspace including how long a desk can remain unoccupied even if reserved before it returns to a free state for another user
- Set gentle reminders and audio alerts for users to check in to a desk based on floorsense under-desk sensor detecting a user present
- Lock down desk wireless charger use to signed in users only
- Create groups of workstations and groups of users. Pre-book a group of desks or part of a floor to a certain team allowing team members first rights to check-in to certain workspaces. Desks that remained un-claimed become available to other users after an administrative selected idle period.
- Enable or disable end user ability to pre-book desks for a short window prior to the working day

Detailed Reports

Make decisions based on real data from your workplace. No more expensive point-in-time utilization studies and counting coffee cups. Get realtime and historical data in Excel format pre-summarized, or alternatively the floorsense controller can stream realtime occupation data to external business analysis (BI) tools such as PowerBI or other analytics engines.

- Generate reports based on workspace or user over configurable time periods upto 1 year.
- Understand historical occupancy peaks for buildings, floors or even individual types of workstations - are all the sit-stand desks actually being used? Have dual-monitor workstations been available for all users that need them?
- Track user activity to validate whether staff are actively working in different parts of the office based on task, and interacting with different coworkers

End User Self Service

Let end users reserve desks via simply placing their phone on the floorsight module. The phone running the floorsense or Smartalock App detects the desk and asks user to confirm desk reservation. Once reserved, the floorsight wireless charger starts and begins charging the users phone.

- Improve user compliance via allowing desk reservation in frictionless manner - swipe access card or just put phone on desk
- Geo-location feature automatically prompts user to log out of desk when left the office and after certain time of day
- Current desk reservation and location shared with system for lookup by other users - or opt out by selecting privacy / do-not-disturb mode
- Support for non-bluetooth phones via App's built in QR code scanner - scan the QR code on desk to reserve or release.
- Additional web based my.floorsen.se / my.smartalock.com portal for end user browser based self service of both lockers and desks from single site. Pre-reserve desks and release (assuming administrator allows).
- More features planned for 2019 - Favorite Desks, Siri Integration, Find-my-Coworkers and more