

## Top 5 U.S. Hospital Network Improves Labor Reliability and Cleanliness with S50 Pro

### The Challenge

- With pervasive labor challenges, achieving a consistent, frequent and reliable clean of common area floors is a constant challenge.
- **Two floor techs spent 8+ hours scrubbing and dry mopping a 50,000 sq. ft. area, taking 16+ hours total.**

### The Solution

- Introduce two **S50 Pro robotic floor scrubbers** to automate the repetitive task of scrubbing
- **Now, one floor tech dry mops ahead of the scrubber, while the other is allowed time back to perform other tasks.**
- Scrubbers run from 8:30pm-2am, covering **~50,000 sq. ft.** autonomously.
- Autonomous scrubbers start on top floor and work down to optimize autonomous operation, following a workflow that prioritizes the highest traffic areas at lowest traffic time.



## The Results

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### Labor Reliability

Automated Scrubbing = Freed Labor Hours + Enhanced Cleaning, while filling in gaps created by labor shortages and high turnover rates.

### Reallocation of Time

Decreased # of hours spent scrubbing by 50%, allowing floor tech to perform other tasks like cleaning restrooms and shampooing carpets.

### Cost Neutrality

Cost of labor for scrubbing becomes a fixed cost and will remain consistent over time.

### High-Quality Clean

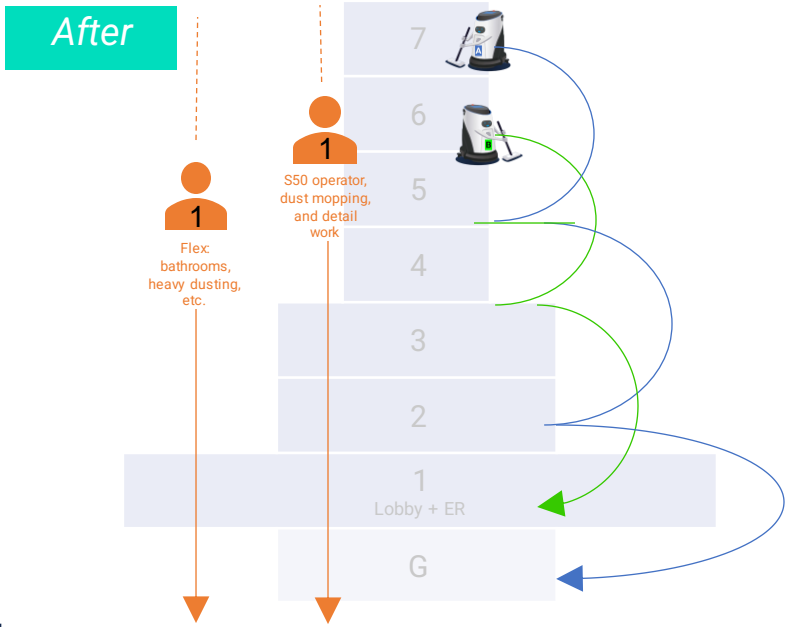
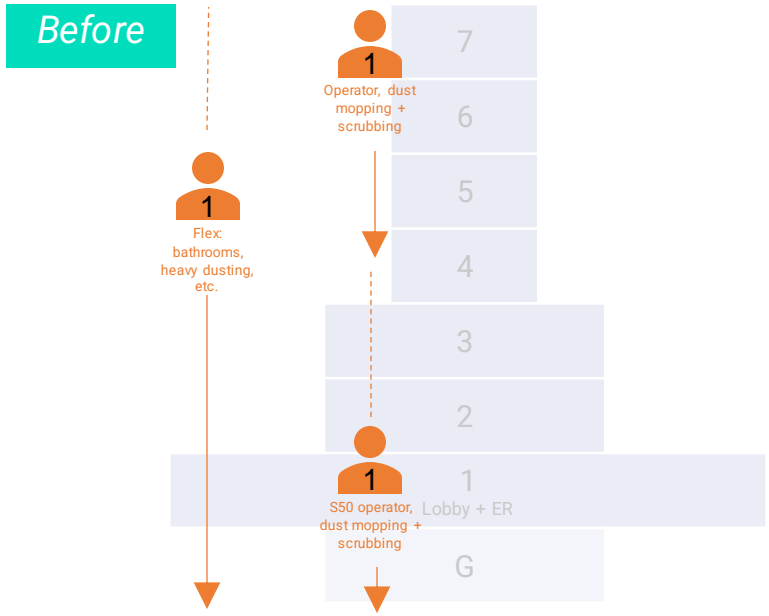
S50 Pro delivers a reliable, superior clean each shift, removing scuffs, stains and debris from hospital floors.

*“The scrubbers were able to clean Floors 1-7 in less than 5 hours with 1 less person. **We’re definitely getting a third robot.** We need one for the OR... Let’s map the OR!”*

- EVS Manager

*“The **technology fits better** in our space than anything else... we are also excited about the **service model.** It puts less risk on us.”*

- Head of EVS



**Floorcare Team at Building**

2 full-time floor techs

1 unfilled full-time floor tech role

+

Flex floor tech that rotates between 3 buildings

Daily:

- Dustmop and scrub 8 floors (~50K sq. ft.)
- Clean restrooms and vacuum (limited) carpeted areas

Weekly:

- Shampoo carpets

	Before S50	With S50
Floorcare team size	3	2
Total manhours per night	16h	5h
Time elapsed until clean	8h	5h

## What Employees are Saying

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"We need one for the OR... let's map the OR!"  
- EVS Manager

"It was easy."  
- Floor Tech

"We can reallocate 8 hours to other tasks."  
- EVS Lead

"The scrubbers are easy to use and maintain."  
- Floor Tech

"The parts and service is much easier to receive than other scrubbers."  
- EVS Lead

"The technology fits better in our space than anything else."  
- Head of EVS