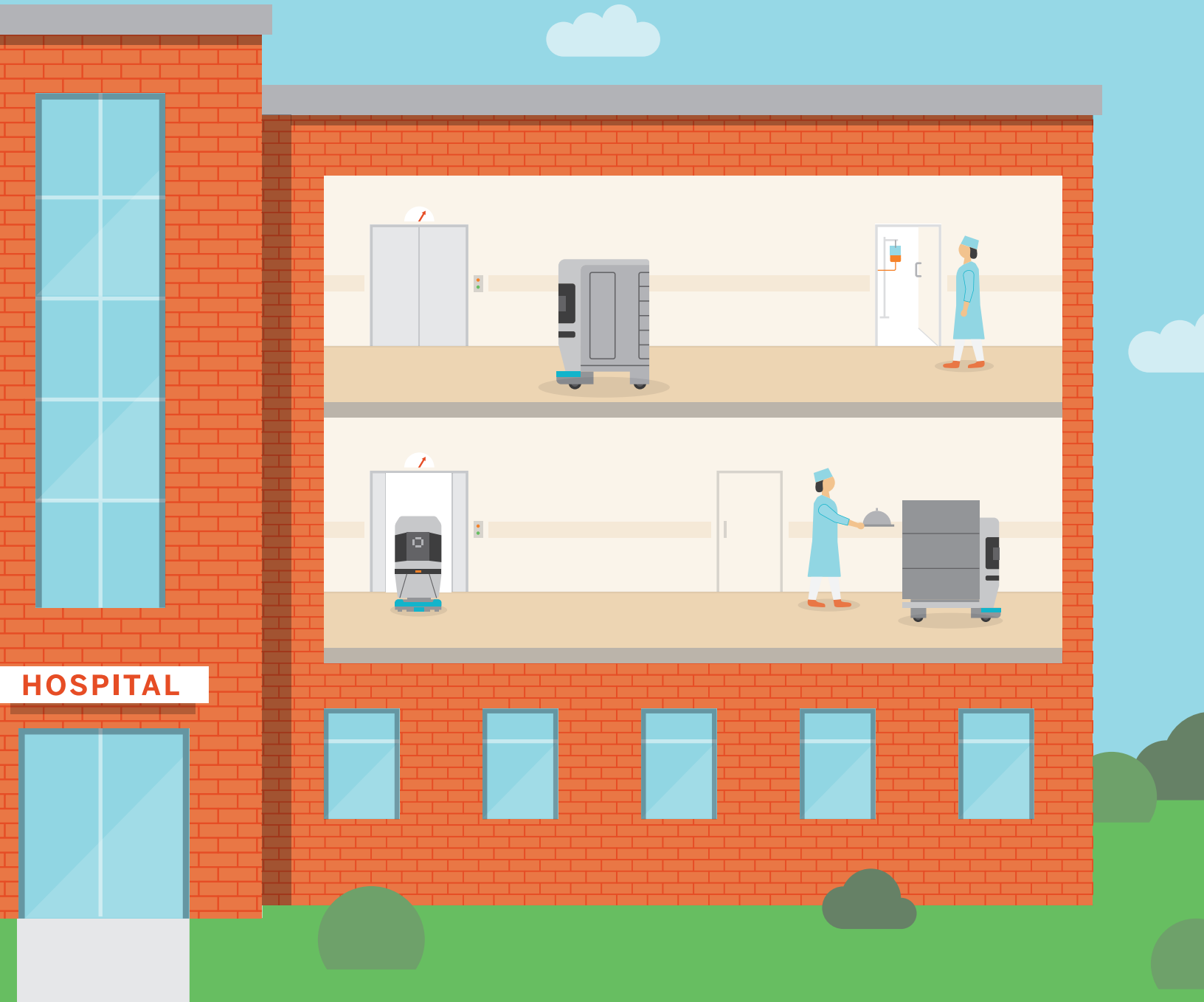


# Automating internal logistics in hospitals: a scenario for today.

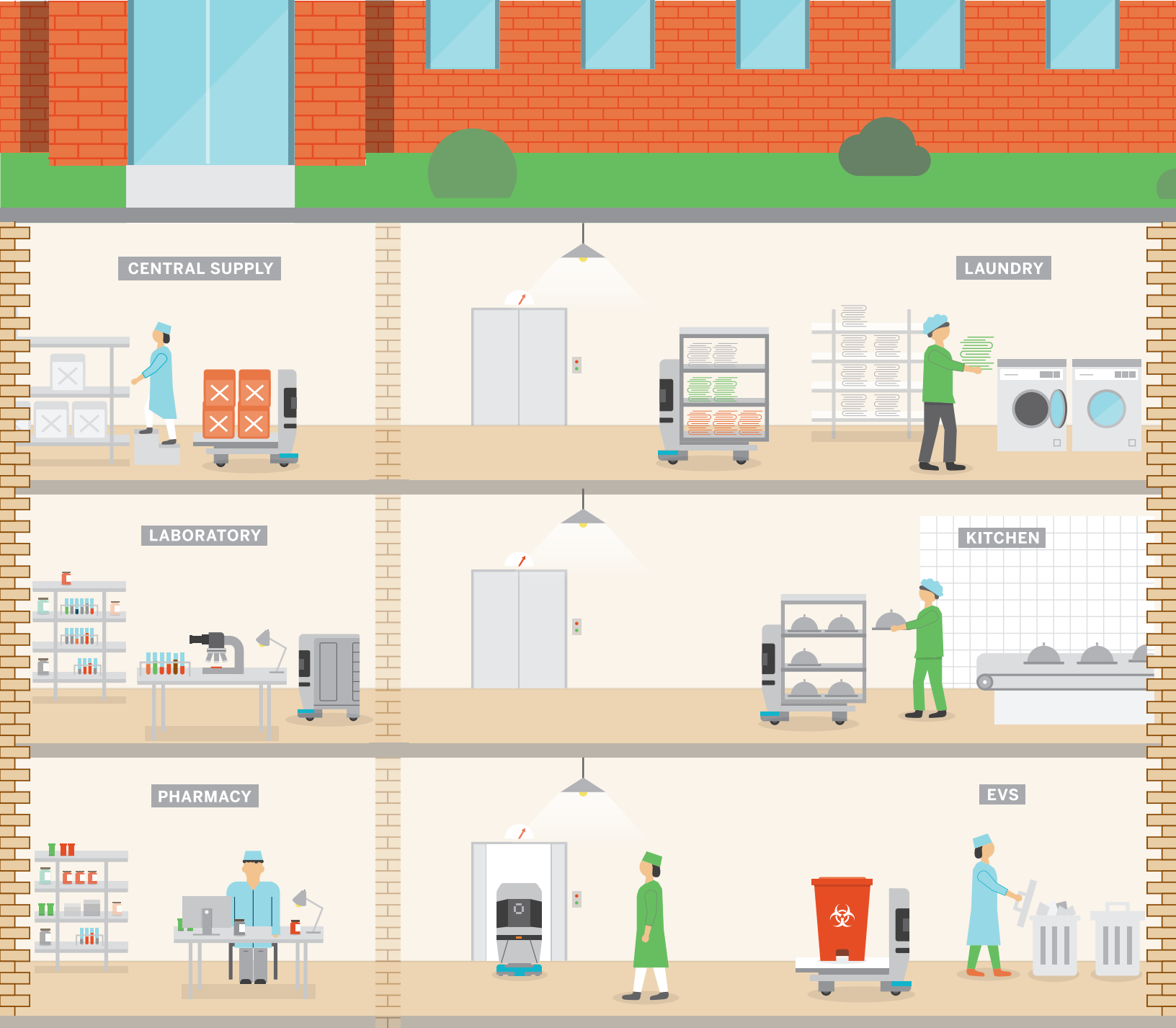
Autonomous material delivery in hospitals is here. In this new paradigm, clinicians spend more time on patient care, labor costs are reduced and worker safety is improved. Autonomous mobile robots work 24 hours a day flexibly serving locations and departments as called upon.



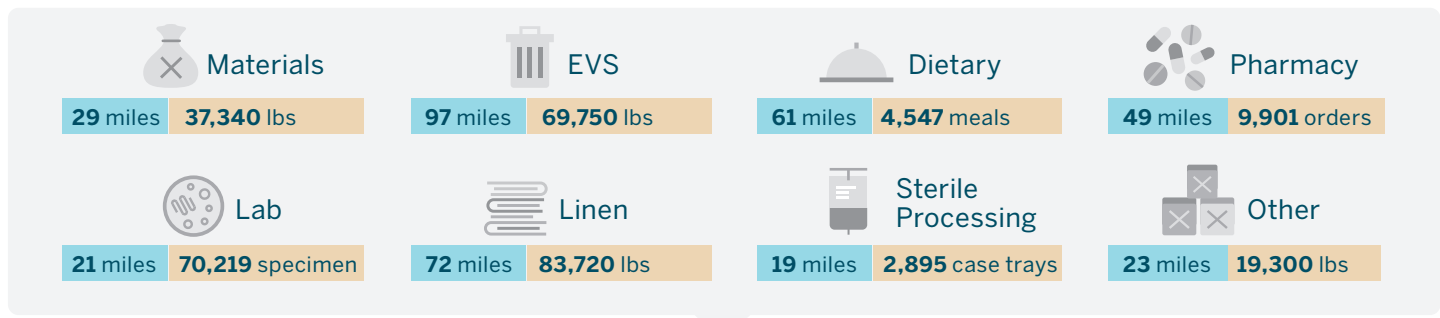
## An autonomous mobile robot is:

A mobile transport vehicle that navigates the existing facility without human intervention and within the programmed constraints to deliver and transport materials.





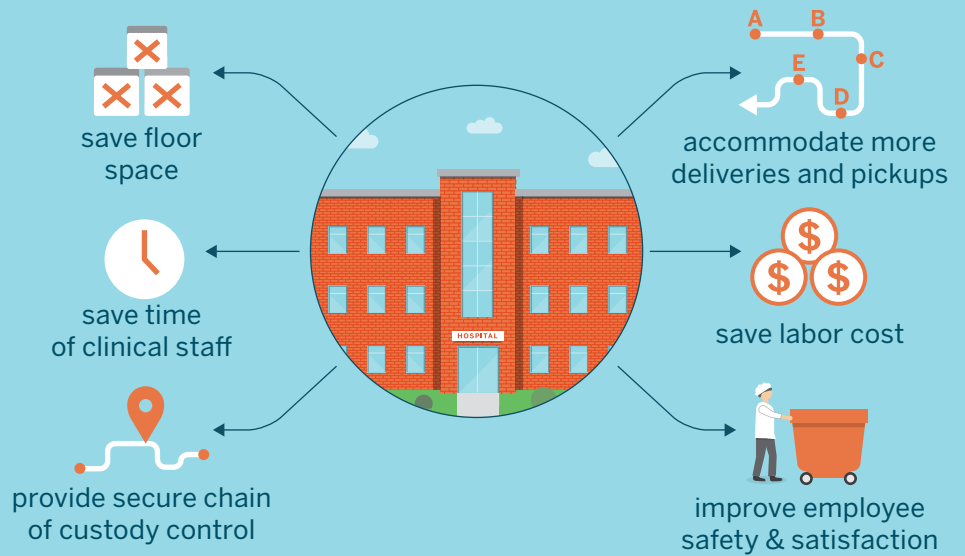
Most hospital leaders don't realize the high volume of materials moving through their facility each week.



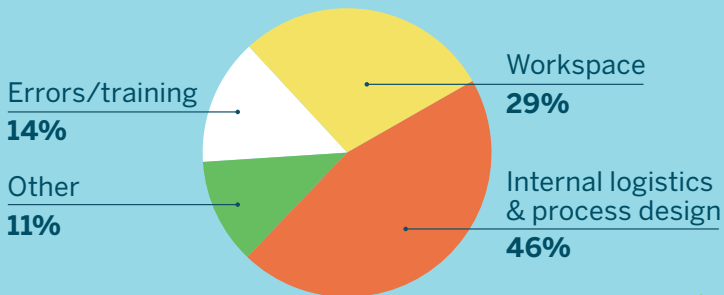
weekly total: **371** miles



## Robots resolve a multitude of manual delivery challenges...



## Causes of operational breakdown in hospitals according to Harvard business review:



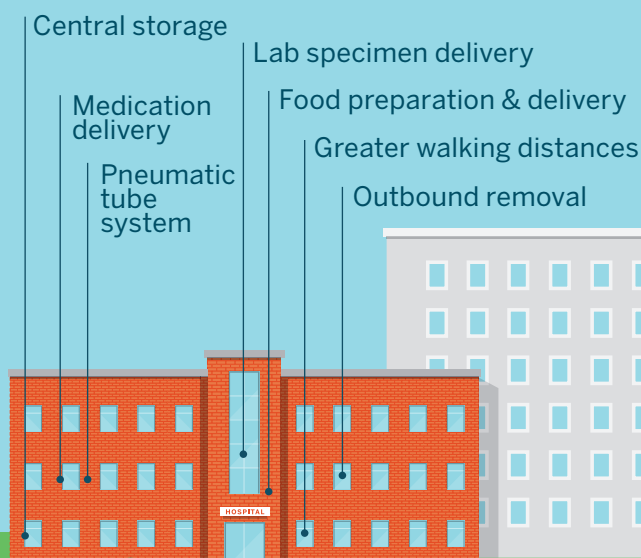
Internal logistics and process design #1 cause for impact to nursing.

On average a nurse experiences **an operational failure every 37 minutes**. Working around them consumes **12% of their day**.



Reference from: [Harvard Business School Publication](#)

## Autonomous material delivery is highly desired in expanding hospitals.

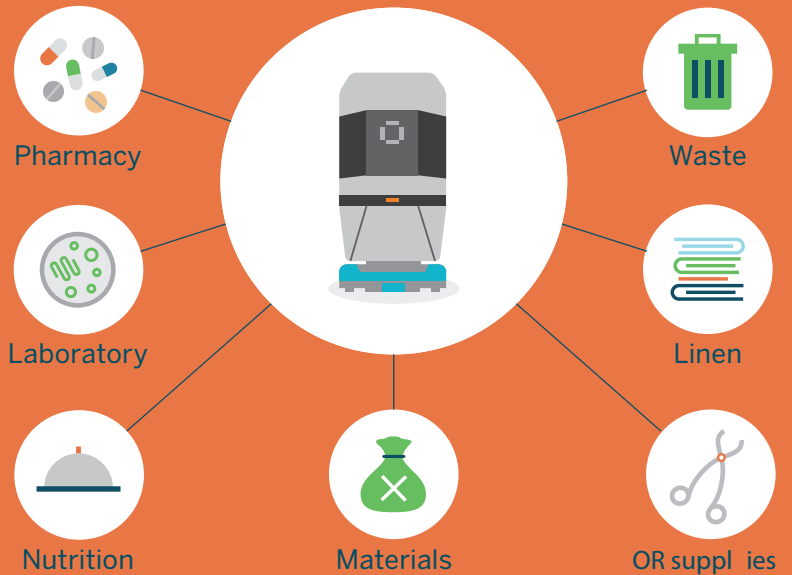


### Automation eliminates the cost associated with:

- additional staff;
- longer distances for transportation;
- overworked pneumatic tube system;
- inventory proliferation/ added central storage;
- space used for storage rather than revenue generation.

HOSPITAL

**Looking ahead:**  
 autonomous mobile  
 robots can be used  
 to automate all material  
 movement, saving cost  
 and improving patient  
 satisfaction:



## About Aethon.

Aethon - the first and world's leading provider of a fully autonomous robot solution for internal deliveries in hospitals. With over 125 live sites and 450 robots (TUGs) worldwide, Aethon's TUG performs the jobs people don't want to do, increases efficiency and increases worker safety.

### Aethon:

- ✓ **Proven reliable**  
Over 125 hospitals with 450 robots (TUGs).
- ✓ **Leading**  
Powerful combination of robotics and software to automate logistics.

### TUG:

- ✓ **Autonomous**  
No infrastructure needed. New or existing buildings.
- ✓ **Secure**  
Biometric secure carts deliver medications and specimens.

### Featured in:



### Selected healthcare customers:

 THE HOSPITAL OF SILICON VALLEY	<b>20 TUGs</b>	<b>6 departments</b>
 HEALTH SYSTEM	<b>5 TUGs</b>	<b>3 departments</b>
 HEALTH	<b>17 TUGs</b>	<b>5 departments</b>
 LIFE-CHANGING MEDICINE	<b>15 TUGs</b>	<b>4 departments</b>
 Boston Children's Hospital	<b>7 TUGs</b>	<b>2 departments</b>
 UCSF Medical Center	<b>25 TUGs</b>	<b>13 departments</b>

### Contact:

- ✉ [inquiries@aethon.com](mailto:inquiries@aethon.com)
- ☎ 412-322-2975

