# Bringing GIS Inside

### **Using ArcGIS Indoors in Healthcare**

February 22, 2024





Many Strengths. One Mission.

### Who We Are

» Loma Linda University Health is an academic medical center operating six hospitals in Southern California, a physician practice corporation, remote clinics in the western United States, and affiliate organizations around the world.

- »Founded in 1905, Seventh-Day Adventist Institution
- » 16,000+ employees
- » More than 50,000 inpatient visits per year
- » Over 1.6 million outpatient visits per year
- »4,500 students at the university in 8 schools
- »650 resident physicians
- » 3500 babies born each year

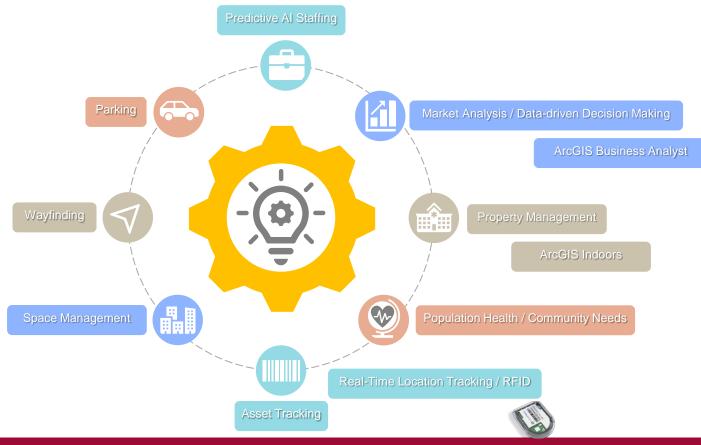
### **LLUH Mission**

- » We are committed to "make man whole"
- » Physically
- » Intellectually
- » Emotionally
- » Spiritually



» How can spatial thinking help promote these core values?

### **Location Services - GIS Themes**



### What Are We Invested In?

### Patients



### Employees



### Equipment





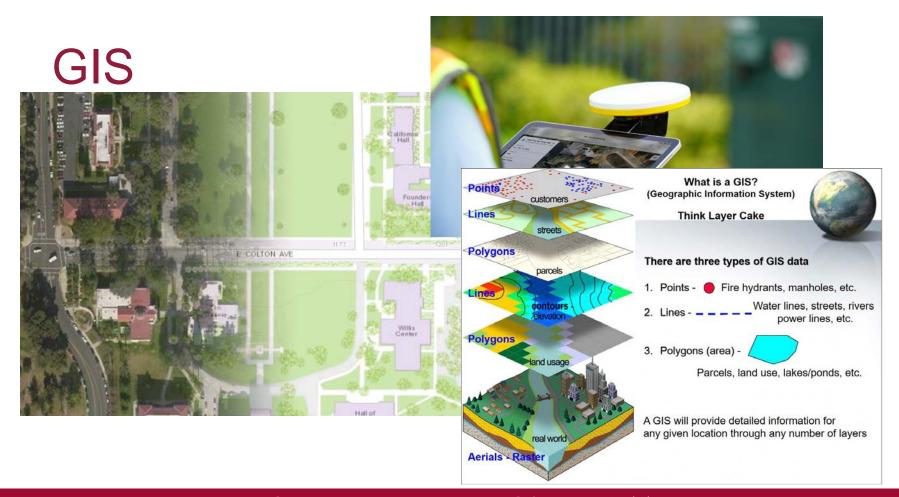
Wayfinding



Space Management



Asset Tracking



### Bring the GIS inside...



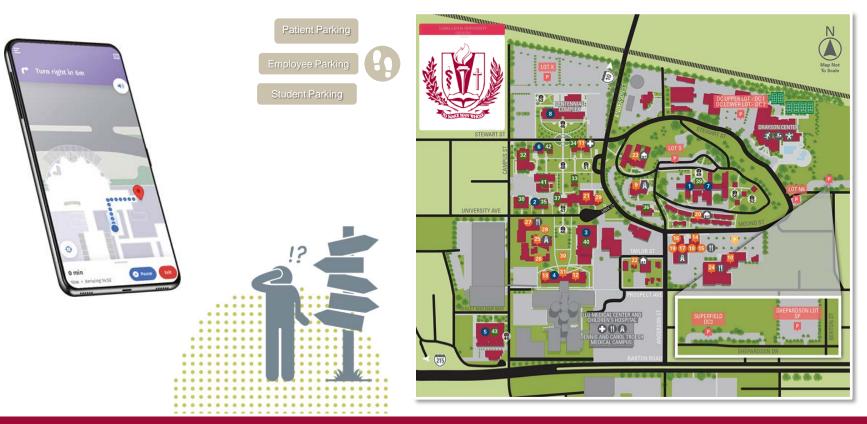
# What Tools Do We Need? S ArcGIS Enterprise



### **ArcGIS Indoors**



# Wayfinding



LOMA LINDA UNIVERSITY HEALTH

### Wayfinding Demo



Real-time Location Tracking / RFID

# Asset Tracking in Real Time

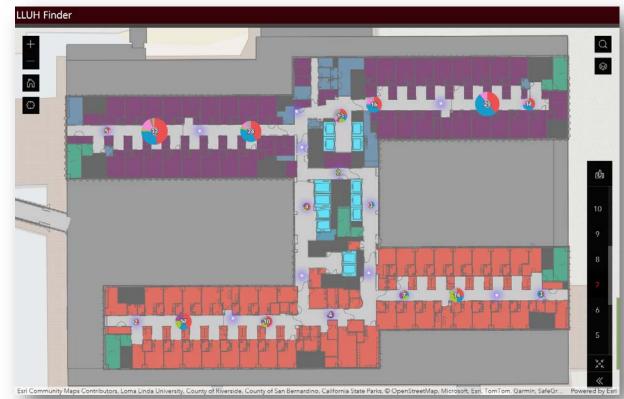
RFID Tag Vendor: Centrak



- » Using small RFID devices, we can track assets moving throughout the hospital and find their last known location.
- Each department is responsible for their own equipment
- » Items can be looked up and verified.



### **RFID Demo**



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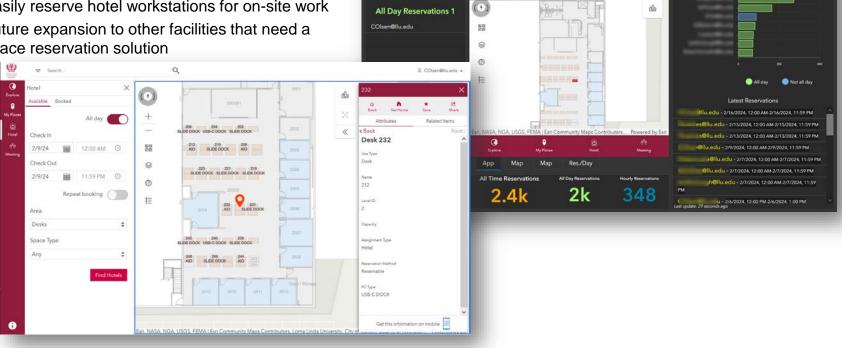
Select a date

2/9/2024 and after

Top reservers by type

### Indoors Solutions – 125 Reservation System

- Remote workers at LLUH »
- Easily reserve hotel workstations for on-site work »
- » Future expansion to other facilities that need a space reservation solution



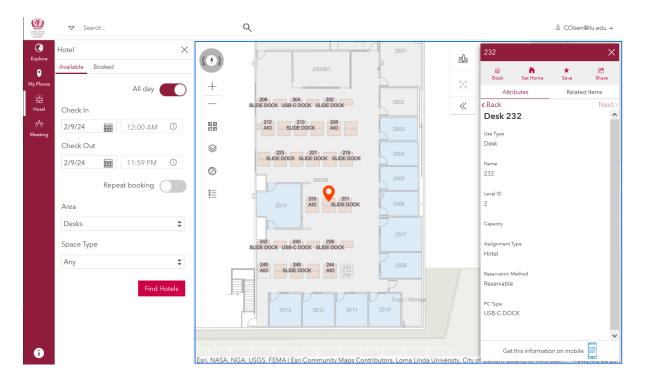
Current Reservations

LLUH Reservations - Bldg 125

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V Search.

### **Reservation Demo**





# Thank you! »Contact Us:

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