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

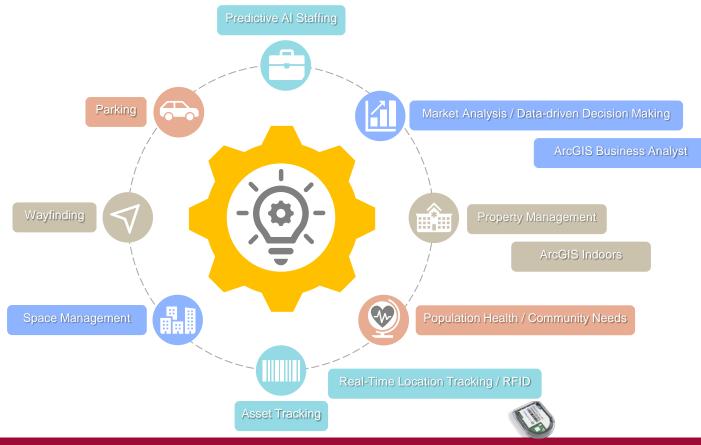
LLUH Mission

- » 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





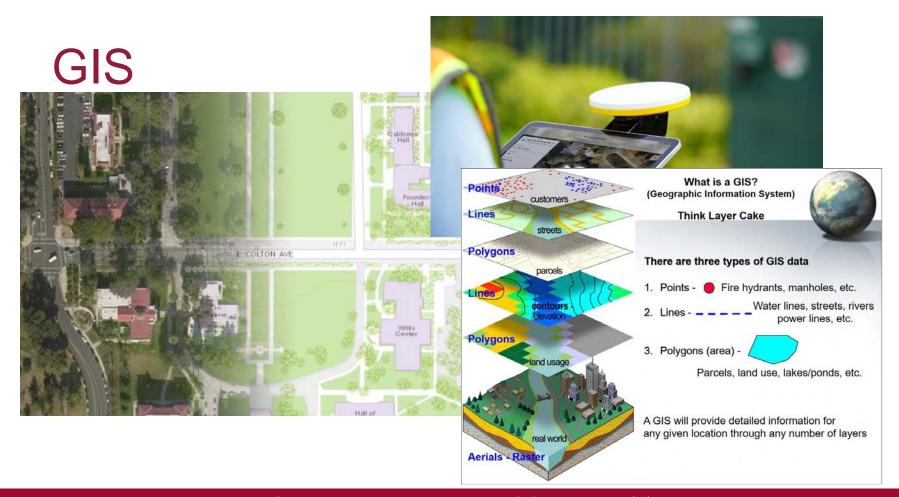
Wayfinding



Space Management



Asset Tracking



Bring the GIS inside...



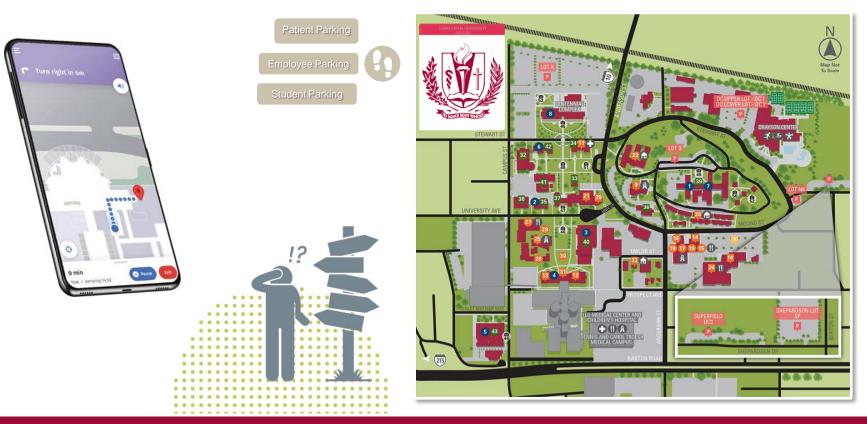
What Tools Do We Need? S ArcGIS Enterprise



ArcGIS Indoors

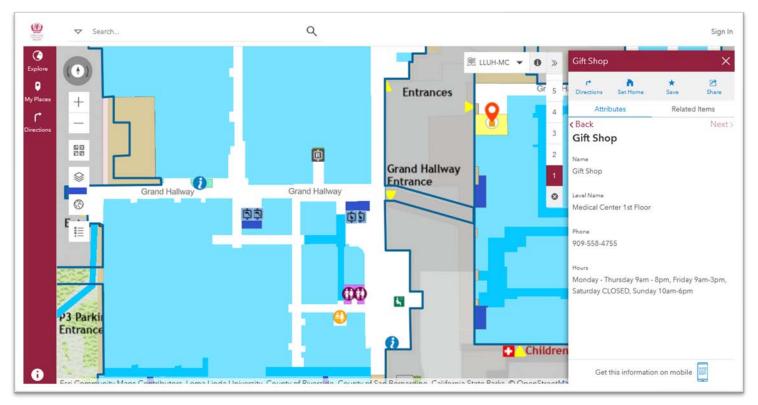


Wayfinding



LOMA LINDA UNIVERSITY HEALTH

Wayfinding Demo



Real-time Location Tracking / RFID

Asset Tracking in Real Time

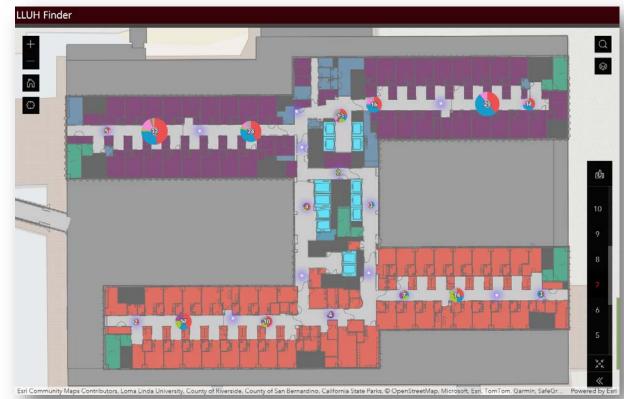
RFID Tag Vendor: Centrak



- » 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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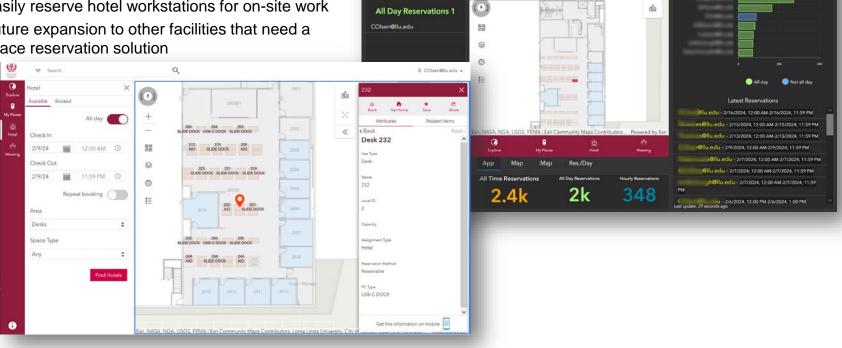
Select a date

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



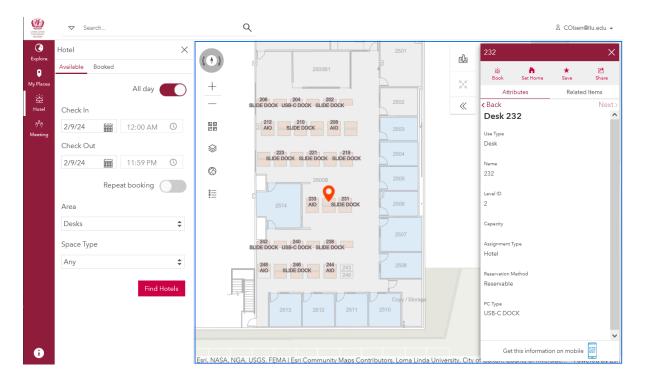
Current Reservations

LLUH Reservations - Bldg 125

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V Search.

Reservation Demo





Thank you! »Contact Us:

- ~ <u>GISLocationServices@Ilu.edu</u>
 - Colsen@llu.edu

