**◆ CENTRAK®**

Revolutionize your healthcare operations with RTLS software solutions on a secure cloud-based platform for a seamless, scalable, and centralized experience.

Connect^{RT} is a cloud-based platform serving as the centralized hub for access to CenTrak's comprehensive suite of RTLS solution applications and system management tools. The unified user interface offers single sign-on capabilities and maintains a consistent look and feel across all applications, ensuring seamless navigation and optimal efficiency. Essential administrative functions, including user management, staff assignments, site hierarchy structures, facility maps, and device configurations, are also consolidated within the platform. This consolidation makes it easier and more efficient for users to manage various aspects of their RTLS programs, streamlining operations and enhancing overall productivity.

- asset
- workflow
- safety
- experience
- environment
- infection control
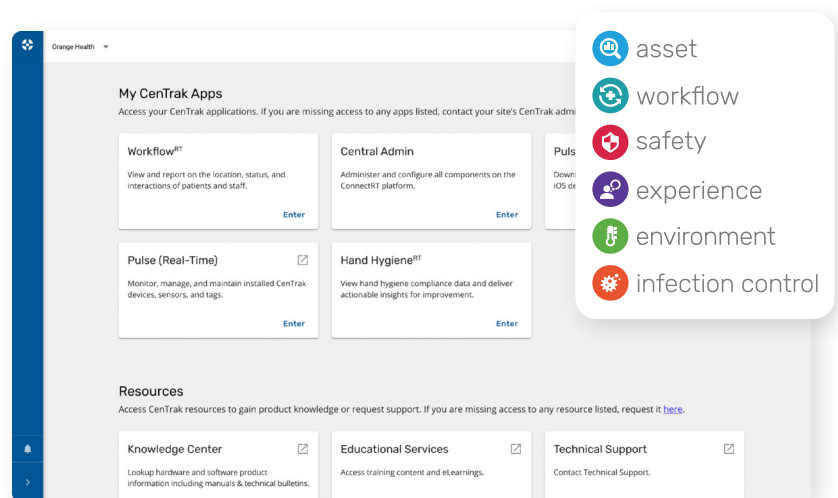
Benefits of Moving to the Cloud

Reduced Hardware and Infrastructure Management: Minimize the complexities of managing physical servers. Engineered to dramatically simplify installation and maintenance processes, Connect^{RT} offers significant cost savings while reducing the burden on your IT team.

Scalability and Flexibility: Whether you need single point solutions such as staff duress or expansive enterprise-wide deployments to support workflow automation, our platform empowers you to seamlessly scale your RTLS solutions accordingly.

Automatic Updates and Maintenance: Leave the hassle of maintenance, updates, and security patches to us. Our dedicated team of experts ensures that your software and infrastructure are consistently secure and up to date with the latest features and solution enhancements.

Enhanced Security: Connect^{RT} is a multi-tenant environment built on the robust, secure, and reliable foundation of Amazon Web Services (AWS). We invest heavily in advanced encryption, conduct regular security audits, and hold compliance certifications, including HIPAA.

Technical Capabilities

Connect^{RT} is a state-of-the-art cloud-based software platform developed to advance the utility of Real-Time Location Systems (RTLS) in healthcare. Connect^{RT} is built on a robust, secure platform that integrates industry standard protocols to provide ease of use, data security, and an unparalleled feature set. This document provides an overview of the solution's technical capabilities.

Security

- Authorization via Auth0, industry-leading IAM service - auth0.com
- Data encrypted in flight and at rest
- Seamless integration with Active Directory or other SSO solutions
- PHI kept in an encrypted state, whether at rest or in transit
- Offsite backups with AWS (Amazon Web Services)
- Web Application Firewall - implementation of procedures for detecting, blocking, and reporting malicious software that threatens the integrity of protected health information
- Logging at Operating System level and application level
- Vulnerability Testing - accurate and thorough assessment of the potential risks and vulnerabilities to the confidentiality, integrity, and availability of electronic protected health information (ePHI)

Interface Capabilities/Specifications

- RTLS interfaces for all CenTrak systems and HID
- Integration with CMMS for maintenance management
- Integration with HL7 messaging for patient badging and scheduling
- Advanced reporting capabilities

Minimum Client Requirements: Browser Based

Processor	2GHz or multi-core processor
Memory	4 GB RAM
Display	1024 x 768
Browsers	Latest stable versions of Microsoft Edge, Chrome, and Safari
Cookie Preferences	Cookies enabled

Cloud-Hosted and HIPAA Compliant

Personal Health Information (PHI) hosted at Amazon Web Services (AWS)	aws.amazon.com
Sensor data hosted at Amazon Web Services (AWS)	aws.amazon.com
SMS supported by Twilio and/or Amazon Web Services (AWS)	twilio.com and aws.amazon.com

Software Updates

Automatic cloud software updates enhance security by ensuring systems promptly receive the latest patches, fixes, and protections against emerging vulnerabilities, reducing exposure to cyber threats.

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