# Accelerate Digital Transformation at the Point of Care

## Better Patient Experiences with AI-Driven Wireless



While technological advances and medical breakthroughs continue to pump and drive the healthcare industry, digital transformation is making inroads from patient care to daily business operations. Delivering reliable, secure and uninterrupted flow of critical information and alerts from patient monitors and a host of other medical appliances sits on the shoulders of healthcare IT professionals as much as supporting the digital infrastructure to enhance the point of care. It is instrumental for healthcare networking teams to offer asset visibility capabilities from tracking day-to-day medical chairs and beds to patients and staff for streamlining time-sensitive patient services. Read how Mist Systems and Kontakt.io help healthcare IT professionals with their digital projects.

### MIST SYSTEMS

Mist Systems, a Juniper company, is using AI to modernize IT. We built Marvis, an AI engine, across the enterprise platform. Along with a modern, microservices cloud architecture for agility and scale, the Mist API-first platform delivers unprecedented IT automation and insight into user experiences. With vBLE and Machine Learning from the Mist Cloud, Mist transforms indoor location services. Learn more about Mist Systems at www.mist.com
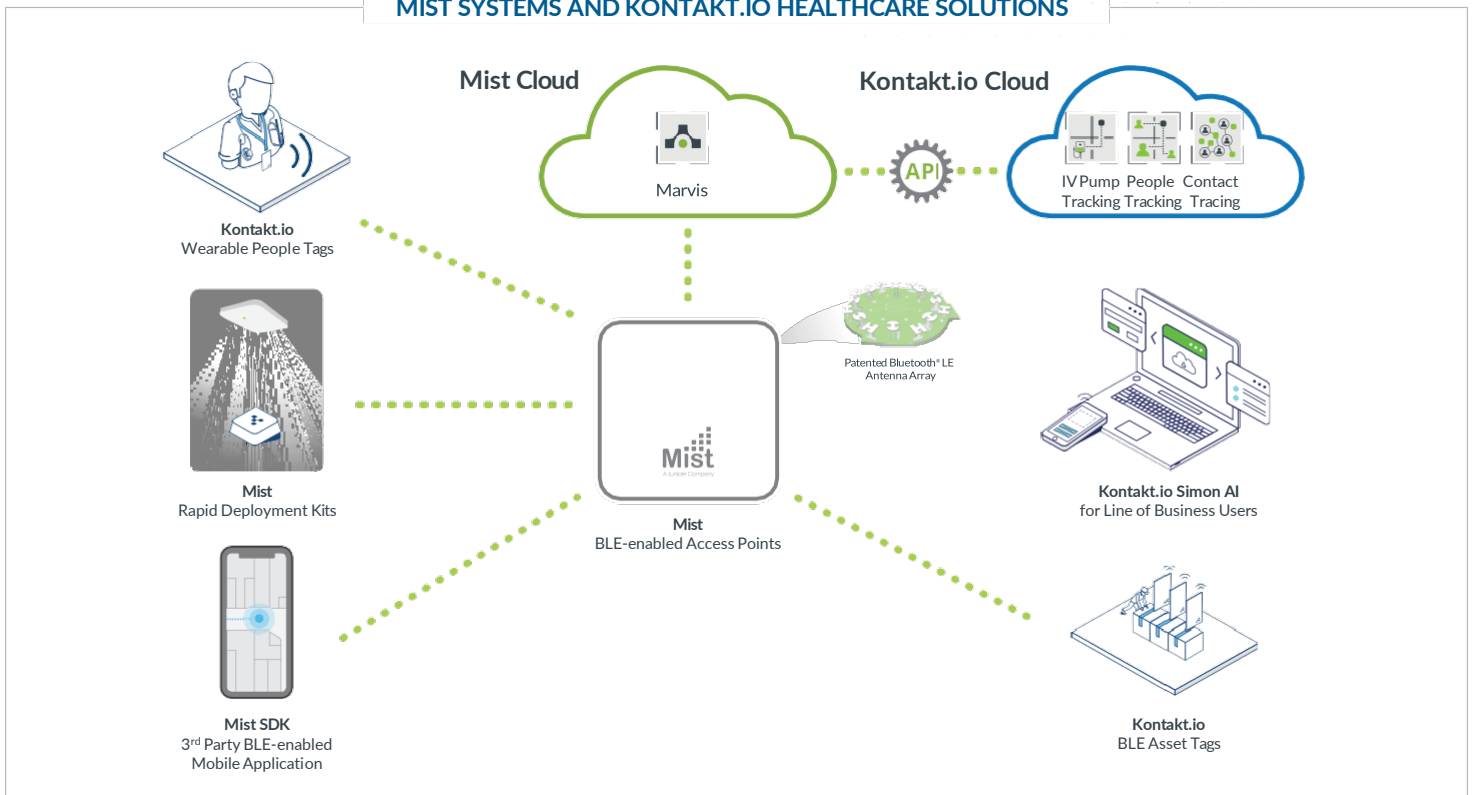
### KONTAKT.IO

Kontakt.io, a leader in location IoT, is on a mission to simplify the delivery of location and sensor data insights. Kontakt.io's portfolio of complete IoT and location solutions combine hardware, software, and cloud for real-time visibility, analytics, and AI. Additional information is available at www.kontakt.io

| Use Case | Description | Benefits |
|---|---|---|
| Modern Wi-Fi for Modern Healthcare | Meeting the promises of the never-evolving hyper-connected enterprise - For healthcare, anywhere, anytime connected secure access for end user and thing. | Deliver modern, secure, and scalable Wi-Fi to patients, staff and connected endpoints. Mist is the first vendor to use Artificial Intelligence to make Wi-Fi predictable, reliable, and measurable. Setup is easy, with automated operations, that let you focus on admitting patients and tracking assets (with Kontak.io) instead of troubleshooting. |
| Indoor Asset Tracking | Increasing demand for tracking mobile beds, healthcare mobile workstations, and other medical equipments. Managing routine equipment maintenance for compliance. Avoid the complexity and costs of Proprietary RTLS solutions or overlay systems. | Mist's Machine Learning from the Mist Cloud and vBLE deliver in-room level accuracy for objects that have a Bluetooth LE asset tag from Kontakt.io or mobile devices with Bluetooth radios. Easily locate equipment, staff, and patients with real-time location accuracy of 1-3m. Lock doors and/or turn on cameras to prevent theft. Optimize staffing resources to accommodate demand. Manage medical equipment maintenance: i.e. Kontakt.io IV Pumps Manager App. |
| Contact Tracing | Get retroactive tracing of area visits by an employee/patient and the people whom they came in contact. With Mist's Machine Learning-powered location engine from the Mist Cloud and Kontakt.io's BLE enabled badge, administrators can capture and store the movement and dwell times of all employees/patients on campus. | An immediate need for workplace efficiency (resource management) or safety (health threats). Rapidly deploy enterprise-ready and workflow-friendly contact tracing solution with Mist Systems and Kontakt.io Contact Tracing app. |
| Rapid Network Extension for Emergencies | Some emergencies may require temporary facilities for communications and service. Avoid complex and costly solutions that are associated with existing networking infrastructure. | Secure and fast Wi-Fi in Mist's Rapid Deplyment Kit* for temporary facilities. Included cloud portal gives authorized networking team access for network operations and monitoring from anywhere and enables remote troubleshooting of the network to minimize the need to visit distributed sites as issues arise. |

\* Mist Rapid Deployment Kit, (Choice of Indoor or Outdoor Access Points for Wi-Fi connectivity, with Mist Support, SRX300 Services Gateway with DHCP and PoE+ Access Ports, with Premium Support Services, LTE Card for SRX Gateway).
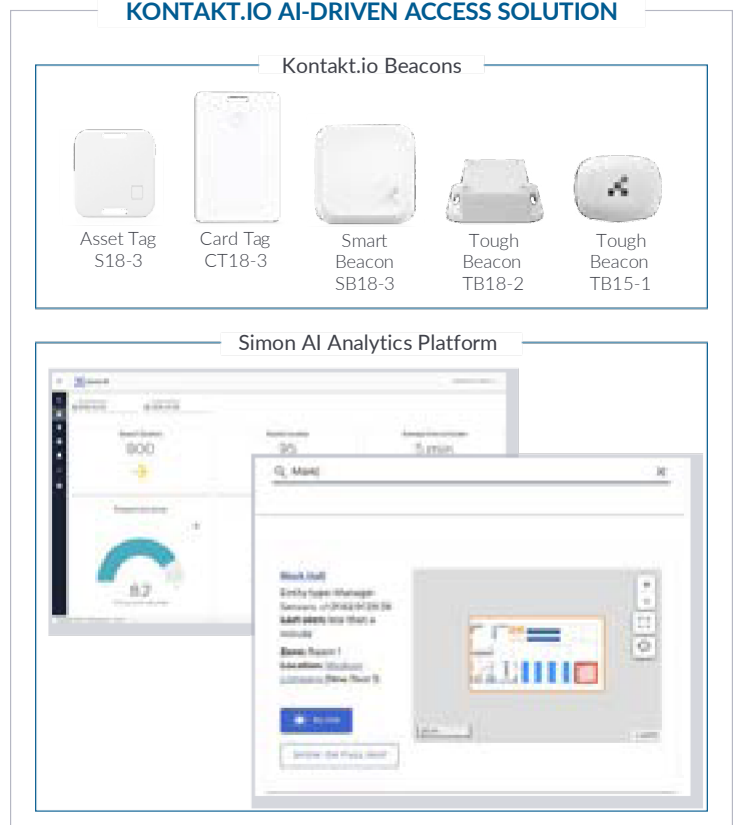
## MIST SYSTEMS AND KONTAKT.IO HEALTHCARE SOLUTIONS

Mist Cloud

Kontakt.io Cloud

Marvis

API

IV Pump Tracking   People Tracking   Contact Tracing

**Kontakt.io**
Wearable People Tags

**Mist**
Rapid Deployment Kits

**Mist SDK**
3rd Party BLE-enabled
Mobile Application

**Mist**
BLE-enabled Access Points

Patented Bluetooth® LE
Antenna Array

**Kontakt.io Simon AI**
for Line of Business Users

**Kontakt.io**
BLE Asset Tags

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## MIST AI-DRIVEN ACCESS SOLUTION

Artificial Intelligence

**Mist Cloud**

Microservices

### Mist Cloud Services

Wi-Fi Assurance

Wired Assurance

Premium Analytics

Marvis Virtual Network Assistant

User Engagement

Asset Visibility

### Wireless Infrastructure

Mist Edge

AP21

AP41

AP43 (Wi-Fi 6)

AP61 (outdoor)

BT11 (BLE)

### Wired Infrastructure

EX 4600/4650

EX 4300

EX 3400

EX 2300

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## KONTAKT.IO AI-DRIVEN ACCESS SOLUTION

### Kontakt.io Beacons

Asset Tag S18-3

Card Tag CT18-3

Smart Beacon SB18-3

Tough Beacon TB18-2

Tough Beacon TB15-1

### Simon AI Analytics Platform

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## LEARN MORE

To learn more about how to improve patient experiences with AI-Driven Wireless, please visit https://www.mist.com/healthcare/.