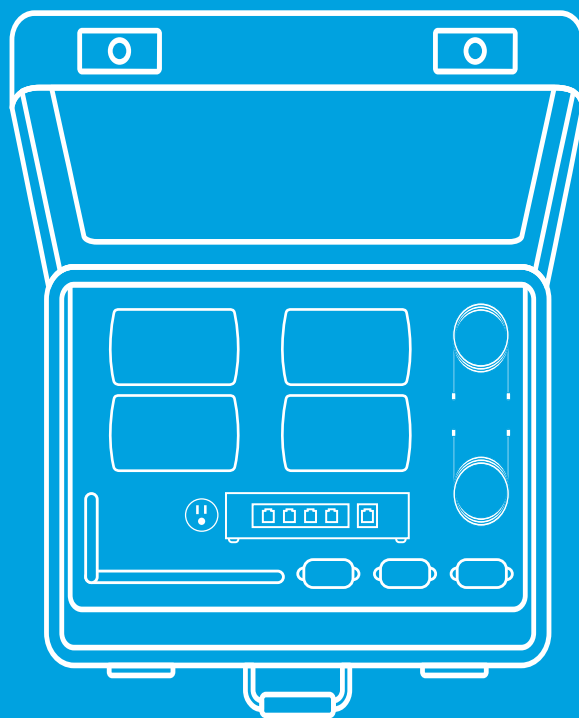


# Inpixon Chirp RTLS Evaluation Kit



# Jumpstart Innovation Through RTLS

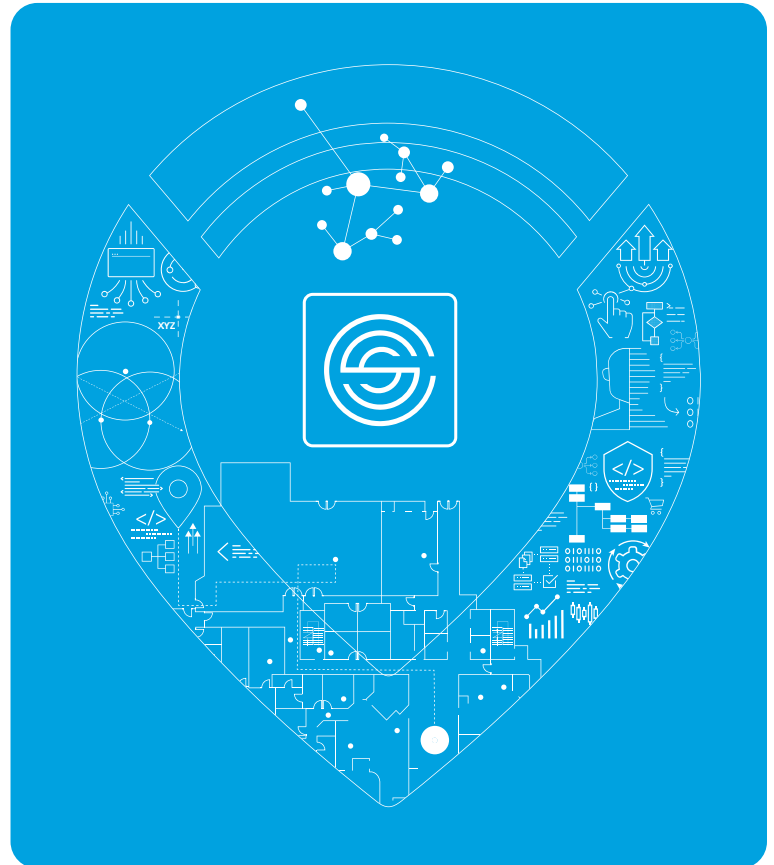
Forward-looking organizations are increasingly looking to embrace location-aware IoT technologies that help improve safety and efficiency while accelerating business results. With the Inpixon Chirp RTLS Evaluation Kit, you can explore how our open and industry-proven RTLS technology enables scalable IoT solutions that track the real-time location of key assets, equipment, and vehicles in- and outdoors to equip organizations with actionable intelligence to build smarter operations.

## Key Benefits

- Accelerate innovation by evaluating how RTLS can help you instantly locate assets like machines, pallets, goods and tools
- Quickly install and activate with our simple architecture, guides and support
- Experience how Chirp location tracking can enable powerful IoT solutions through long-range location tracking (up to 500 m)
- Deploy our versatile technology in a variety of indoor and outdoor environments
- Utilize your evaluation deployment and content in your complete solution

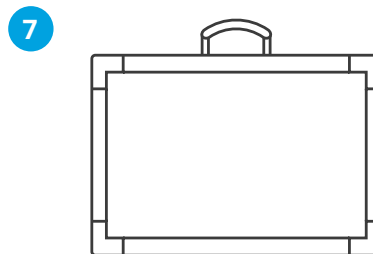
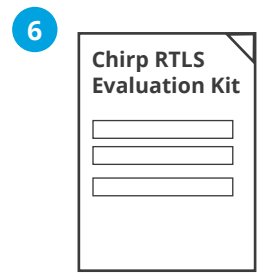
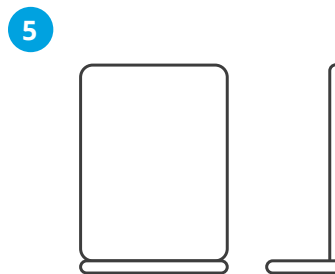
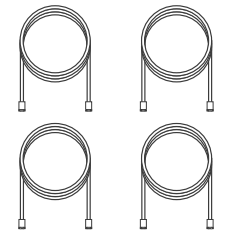
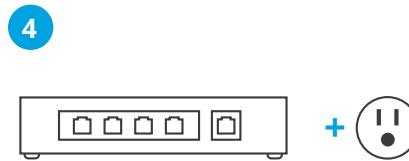
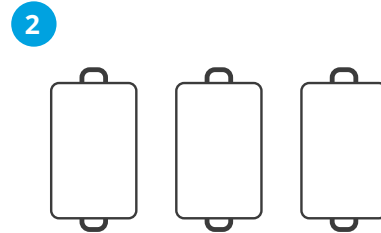
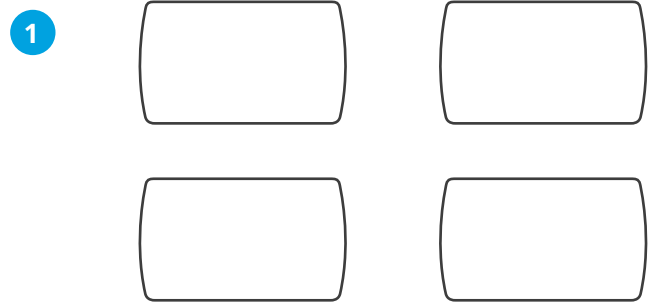
## Quickly and Easily Evaluate RTLS-Enabled Solutions

The Inpixon Chirp RTLS Evaluation Kit is a comprehensive starter kit that contains all the components required to quickly and easily set up, integrate and test real-time location tracking in preliminary IoT projects. It demonstrates how our Chirp-enabled RTLS technology can unlock the potential of your IoT solutions by delivering accurate and long-range real-time locating (up to 500m ranges) and scalability to support deployments in industrial facilities, warehouses, construction sites and mines as well as other enterprise-grade environments. The Inpixon Chirp RTLS Evaluation Kit leverages our versatile RTLS components, patented technologies and over decade-plus industry expertise, to provide you with an easy-to-use, high-performance platform that simplifies your evaluation of RTLS technologies.



## The Inpixon Chirp RTLS Evaluation Kit Contains:

- 1 4 Chirp RTLS Anchors + Wall Mounting Kits
- 2 3 Chirp RTLS Asset Tags
- 3 Software: Inpixon RTLS Location Engine + Toolbox
- 4 5-Port PoE Managed Switch + Cat6 Cables
- 5 Tag Stand + Adhesive Tape
- 6 Step-by-Step Reference Guide + Professional Support if needed
- 7 Rugged Case for Protection, Transportation and Storage of Kit

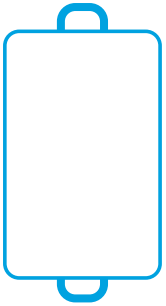


## Chirp RTLS Anchors



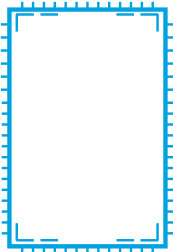
Chirp-enabled RTLS anchors are readers that deploy in fixed positions to detect and locate signals from Chirp-transmitting tags. To accurately determine a tag's real-time location, each anchor within its communication range will read and time-stamp the received signals, and then exchange this information with the location engine to calculate the tag's position. Our flexible RTLS anchors support bidirectional communication and leverage our patented virtual anchor synchronization techniques to deliver unparalleled versatility and deployment scalability.

## Chirp RTLS Asset Tags



RTLS tags, like the included Chirp Inpixon Asset Tag or available UWB RF Inpixon Personnel Tag, are wireless devices that augment assets, personnel, and mobile objects to help determine their location. RTLS tags send encoded signals to fixed RTLS anchors to then determine its position. Our robust location tracking tags feature purpose-built designs for specific scenarios, wireless configurability for simplified management, and transmissions that include not only its location blink but also critical sensor and contextual data.

## Custom Chirp Tags (Optional)



Customers using the Inpixon Chirp RTLS Evaluation Kit also have the option to develop customized tags for their unique IoT project. Our Inpixon Swarm Chirp V3 modules and associated Inpixon Swarm Chirp V3 Dev Board can provide you with the components you'll need to build RTLS tags tailored for your specialized use cases.

## Inpixon nanoLES Location Software



Inpixon nanoLES is Inpixon's location engine software for both Chirp and UWB RTLS deployments. Inpixon nanoLES ingests the complete location and sensor data-stream in real-time and is directly connected to our RTLS anchors to calculate native TDoA-based positions of tags via precise time of arrival stamps (ToA). Its proven scalability qualifies Inpixon nanoLES for industrial applications requiring longer range and cm-level positioning accuracy for up to thousands of concurrently tracked IoT devices.

# Inpixon Chirp (CSS) Technology

Inpixon is a global leader in chirp (CSS) technology, providing solutions that help organizations harness chirp technology to build location-aware operations. Inpixon's chirp-enabled offerings include flexible, long-range location tracking tags, anchors, transceiver modules and our own Inpixon nanoLOC location chip, which serves as the foundation of many chirp technology location solutions worldwide.

## Benefits of CSS Technology:

- Longer range than most RF technologies with high accuracy
- Real-time results, very low latency, & very low power consumption
- Indoor to outdoor support, no license needed
- CSMA support to mitigate interference, less anchors required for deployments, low cost, and great ROI

## Ordering Information

Part Number	Description
KN01ANQ01CS	RTLS Evaluation Kit Inpixon nanoANQ Chirp  Hardware 4 x Inpixon nanoANQ Chirp + mounting Kit 3 x Inpixon Asset Tag 1 x 2m UTP CAT6 Cable 4 x 30m UTP CAT6 Cables 1 x POE 5 port managed Ethernet Switch 3 x Tag table stands + Adhesive Tape (removable) 1 x Printed Guide 1 x Rugged Suitcase  Software 1 x Inpixon nanoLES 3 Location Engine 1 x RTLS Tools

## Complementing Products

PN01ASSTG	Inpixon Asset Tag is an IP65 Tag for tracking of assets
PN03ANQCS	Inpixon nanoANQ Chirp RTLS anchor, supplied with housing, standard mounting, including Inpixon nanoLES license and external antennas
KN03SWBLE	Inpixon Swarm Chirp V3 Dev Board incl. antenna
MN03SWBLE	Inpixon Swarm Chirp V3 Module - Chirp Radio Module

Subject to change without notice.

## Sales Inquiries

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