

RAJANT KINETIC MESH®

Enhance the Sport and Fan Experience with Anywhere Connectivity

Public venues and events are a time of togetherness. Making a connection, whether inside the experience or sharing to those who cannot be there in person, should not be difficult. For the individual athlete, fan in the stands, and patrons of venues worldwide, Rajant is making the complicated simple. Safety, efficiency, user experience, and remote observation are imperatives that Rajant Kinetic Mesh enables. From large scale to more intimate gatherings, Rajant wireless networking supports all these with fully mobile continuous connectivity and Wi-Fi enablement.

Imagine walking into a busy theme park or going to a big outdoor event, such as a sporting event or music festival. Attendees expect clear, and uninterrupted communications. Smooth communication and connectivity are crucial for visitor safety, crowd control, and general enjoyment during the exciting and lively atmosphere. This is where Rajant Kinetic Mesh networks come into play. They are the unsung heroes that allow event planners to plan indoor and outdoor events that are both memorable and safe for all participants.

Continuous Connectivity Anywhere: **Public Events and Venues with a High-Tech Touch**

A dynamic and adaptable wireless communication technology, Kinetic Mesh networks are made to flourish in demanding and high-density areas. Rajant Kinetic Mesh, in contrast to conventional Wi-Fi that is dependent on a stationary infrastructure, is made up of mobile BreadCrumbs® that autonomously establish connections with one another. This allows the network to be adaptable and self-healing, allowing it to effectively work above interference and around obstructions.

From the gridiron to mountain peaks or air and water sporting events - these can be difficult for organizers because of their transient nature. To accommodate big crowds with various devices and the administrative demands of personnel and organizers, event venues must be outfitted with feature-rich, controllable, high-capacity communications infrastructure. A Rajant installed network will guarantee a successful event.

Cost-Effective Live Streaming During Action Sports

Whether extreme sport or another large-scale event, Rajant Kinetic Mesh enables live streaming video for judging, enhanced spectating, and remote viewing. The cost of traditional network broadcast can be cost-prohibitive. Still, Rajant provides deployment ease and versatility to create a complete network when and where you need it, without extensive time or technical resources.

Moreover, because the network's BreadCrumb nodes work peer-to-peer and can hold multiple connections simultaneously, Kinetic Mesh has the high capacity to support bandwidth-intensive video streaming with reliable performance easily. Dynamic visuals and real-time updates can be shared with a wide array of audiences, from event attendees to home viewers, without lags in the video stream speed or quality.

RAJANT FAMILY

Product Suggestions for Public Events



Peregrine



Sparrow



Cardinal



REIOS Smart Lighting

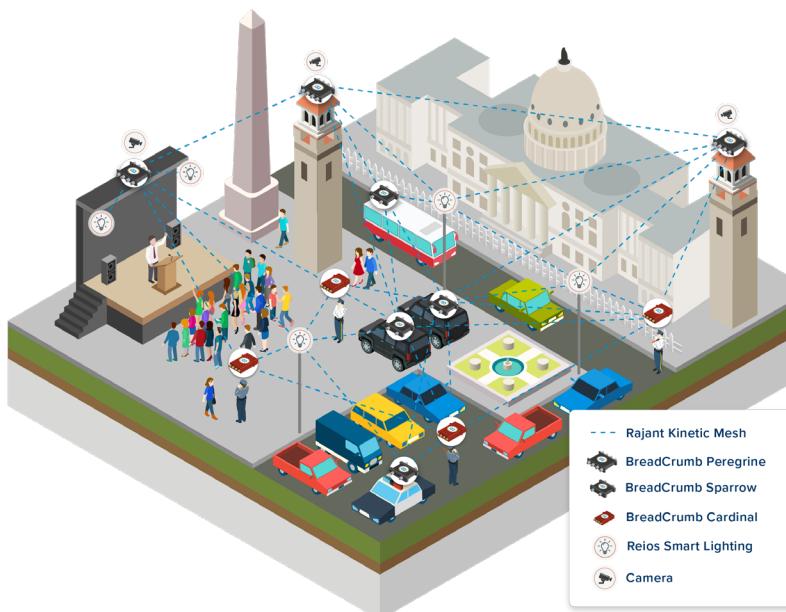


Extreme Network Mobility to Keep Pace with All the Action

The robust and redundant links formed by Rajant BreadCrumbs are used by Rajant InstaMesh® networking protocol to orchestrate traffic, selecting the fastest path(s) for delivery. If a path becomes unavailable due to signal blockage from rough terrain, interference, or other issues, InstaMesh will instantly route communications via the next-best available path(s) and/or frequency. It does this autonomously and without outside intervention, maintaining fault-tolerant performance even as network elements move.

RAJANT KINETIC MESH FOR THEME PARKS & EVENTS

Amusement parks and large-scale events must satisfy operational safety, efficiency, and control imperatives while delivering a top-tier guest experience. Rajant's wireless network supports all these needs with fully mobile park-wide mesh connectivity and Wi-Fi enablement.



Reliably Run Multiple Applications for Control, Safety, and Security

Kinetic Mesh comprises lightweight, compact BreadCrumb nodes that work peer-to-peer to hold multiple connections simultaneously. This creates a high capacity to support multiple band-width-intensive applications with ease. Park operations can easily access real-time data from machines and live camera feeds to enable equipment health monitoring, predictive maintenance, and situational awareness. Large outdoor events can enable CCTV and camera-equipped drones to stream live video feeds for situational awareness and real-time event coverage. Guest safety and security infractions can be quickly identified and averted, and personnel deployed to handle these situations can maintain communications with central command and each other as they move throughout the grounds.

For all sporting events, Kinetic Mesh is also unlike other open access points when it comes to security. It provides Wi-Fi Protected Access (WPA) to allow you to control security keys and how users are authorized. You can provide user keys at different levels for various roles. At Rajant, we make the complicated simple.

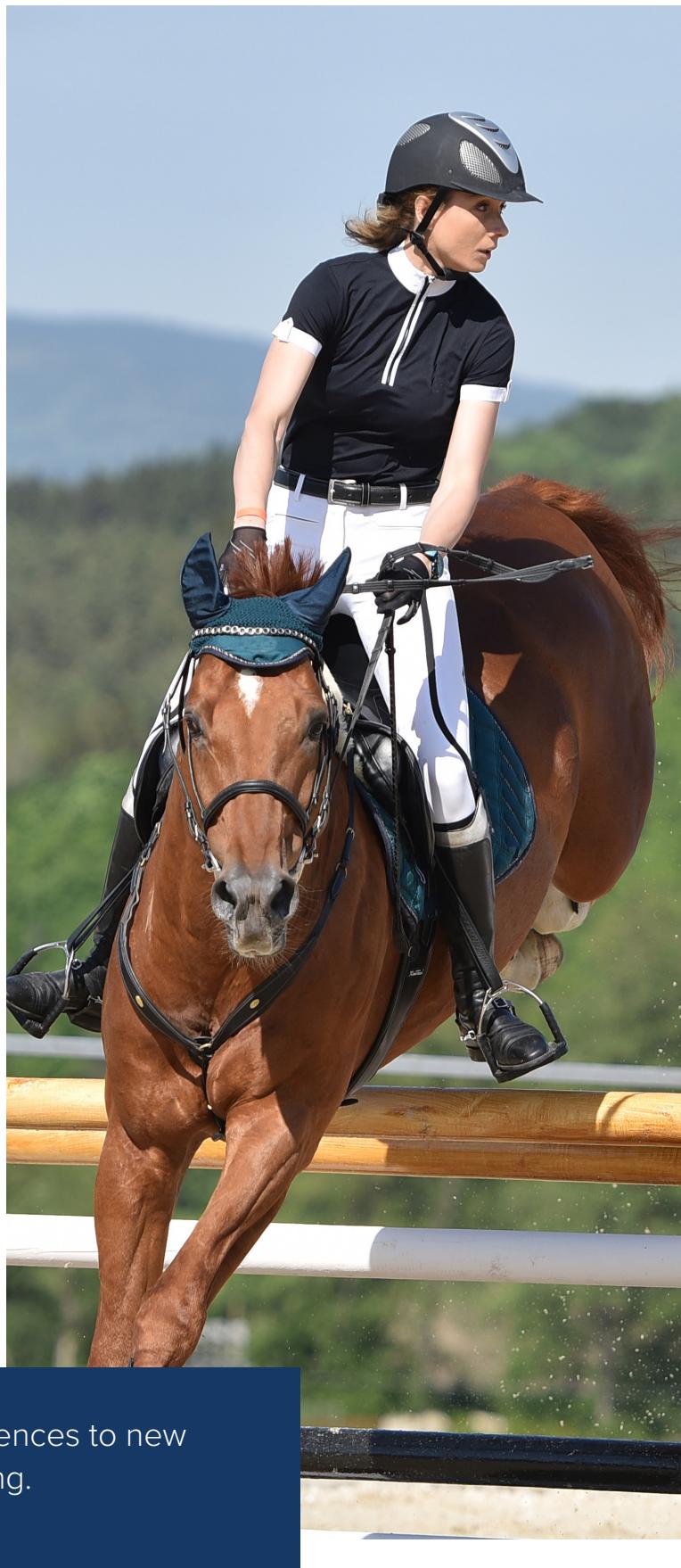
RAJANT EQUINEVIEW™

Rajant's EquineView provides a robust and fully mobile wireless networking solution to enable the live streaming and archiving of video, vitals, and locations of horses in competition, at rest, and work in diverse disciplines.

EquineView enables horse owners, riders, and trainers, as well as equestrian event managers, to take advantage of new technologies like smart sensors and IP-based television broadcasting, giving you real-time, up-close views of horse health and performance: whether covering fast-paced equestrian events, streaming video from the horse's eye perspective, tracking their whereabouts as they graze, or monitoring their fitness as they work.

Livestream, Televise, or Record from the Horse's Eye View

Using a small camera with pan, tilt, and roll stabilization mounted to the horse's bridle, EquineView can enable high-definition video from the horse's perspective, which can be streamed for live events and/or archived for later review and training purposes.



See how Rajant's network takes your experiences to new levels of enjoyment, safety, and live streaming.

Visit rajant.com/markets/ to get started.

Tel: 484.595.0233 | www.rajant.com

BreadCrumb, CacheCrumb, InstaMesh, Kinetic Mesh, and BCICommander and their stylized logos are the trademarks of Rajant Corporation. All other trademarks are the property of their respective owners. © Copyright 2024. Rajant Corporation. All rights reserved.



RAJANT
MAKING THE
COMPLICATED SIMPLE
Continuous, Connectivity, Anywhere