

# NETWORK MOVEMENTS

Keep Up with Current Trends and Rajant Innovation

Our monthly newsletter keeps you updated on the latest innovation and happenings at Rajant and in the industries we serve.

## IN THE SPOTLIGHT



### Why NFL Coaches Rely on Bose Headsets to Strategize the Super Bowl

*The headsets you see coaches wearing during football games—and the wireless signal they rely on—are born from aviation and military technology. We speak with Bose and the NFL's VP of technology solutions to understand what goes into game-ready audio communication.*

Football is a complex game, one that reaches beyond pure athleticism when played at the highest level. Strategy, having the right athletes on the field, and getting them to run the right play at the right time are as important as having the best quarterback or defensive squad in the league.

To call the plays, NFL coaches rely on technology. Specifically, they need wireless headsets that work perfectly in all types of weather conditions, and are tough enough to survive being thrown to the ground in anger.

I review headphones for a living, and despite the occasional temptation, I never throw a pair down in disgust when, say, the drivers distort on a track with deep bass. If I did, I expect they'd shatter, or at least suffer some serious performance malfunctions—not because of my brute strength, but because audio gear isn't typically designed to be treated roughly...

[Click here](#) to read more in *PC Magazine*.

## A MUST WATCH

### Rajant is the Power in Boston Dynamics's Artificial Robotic "Dogs"

See Spot run. See Spot jump. See Spot climb. See Spot with Rajant. Bringing expertise in low latency machine-to-machine communications to Spot, that's the power of Rajant Corporation and Boston Dynamics.

[Click here](#) to watch the video on Boston Dynamic's YouTube channel.



## HAVE YOU READ?



### Adaptable Network for Enabling Accuracy in Heavy Construction Operations

As the heavy construction industry has evolved over the last decade to become much more hi-tech, it has created the challenge of these advanced applications all requiring reliable network connectivity to run.

“Unfortunately, traditional serial radios, WiFi and even LTE all fall short in either connectivity, capacity or coverage to effectively support the growing demands of the construction industry. As

an example, highway projects, railroads, pipelines and other expansive infrastructure projects often require multiple base stations for high-precision earthmoving. If an organisation opts for a serial network, they’re limited to a base radio and a single repeater – which severely limits the range in which they can receive corrections. If they opt for WiFi, the machines can only be connected to a single access point at a time, which means equipment will lose connection as it roams across a site. This isn’t a workable solution from a connectivity standpoint. LTE has challenges as well,” says Teresa Huysamen, Business Unit Manager for Rajant solutions at Duxbury Networking.

Rajant Kinetic Mesh is a private wireless solution that gives heavy construction job sites a better network alternative: one that is easily deployable and rapidly scalable to expand base station range in any direction, while also providing high data throughput and continuous connectivity for numerous efficiency-transforming site applications. Another benefit is that the organisation owns the network – so they do not have to share capacity or pay for machine data...

[Click here](#) to read more in *IT Web Africa*.

## 2021 Rajant Partner Summit Americas

& Charity Golf Tournament

Rancho de los Caballeros  
May 11-14, 2021 | Wickenburg, AZ

Registration is now open!

[SIGN UP TODAY](#)

## WHERE NEXT?



**What:** [Automa 2021](#)

**When:** April 19 - 20, 2021

**Where:** Milan, Italy (Booth #16)

The Oil & Gas Automation and Digitalization Congress is an annual B2B event devoted to the latest industry 4.0 trends applicable to the whole value chain of the oil and gas industry: upstream, midstream, and downstream. Among topics covered are digital business transformation, data and intelligent asset management, IoT, robotics, artificial intelligence, machine learning, high-performance computing, startup solutions, and many others. Over 300 specialists from major companies including Total, MOL Group, Shell, Wood, Maire Tecnimont, ExxonMobil, McDermott, Snam, Tanap, Fluor, and many others are expected to attend. This year AUTOMA Congress will highlight new ways of digital transformation in a rapidly changing environment.

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