

Betacom Partnered with Airspan to Upgrade MxD's Private 5G Network to Improve its Operations

Industry
Smart Factory

Location
Chicago, USA

Partner
Betacom

End User
MxD

Reference

Overview

MxD partnered with Betacom to upgrade its Chicago headquarters and Factory Floor Lab with a Private 5G network. MxD equips U.S. factories with the digital tools, cybersecurity, and workforce expertise needed to strengthen U.S. manufacturing competitiveness on a global scale.



Challenges



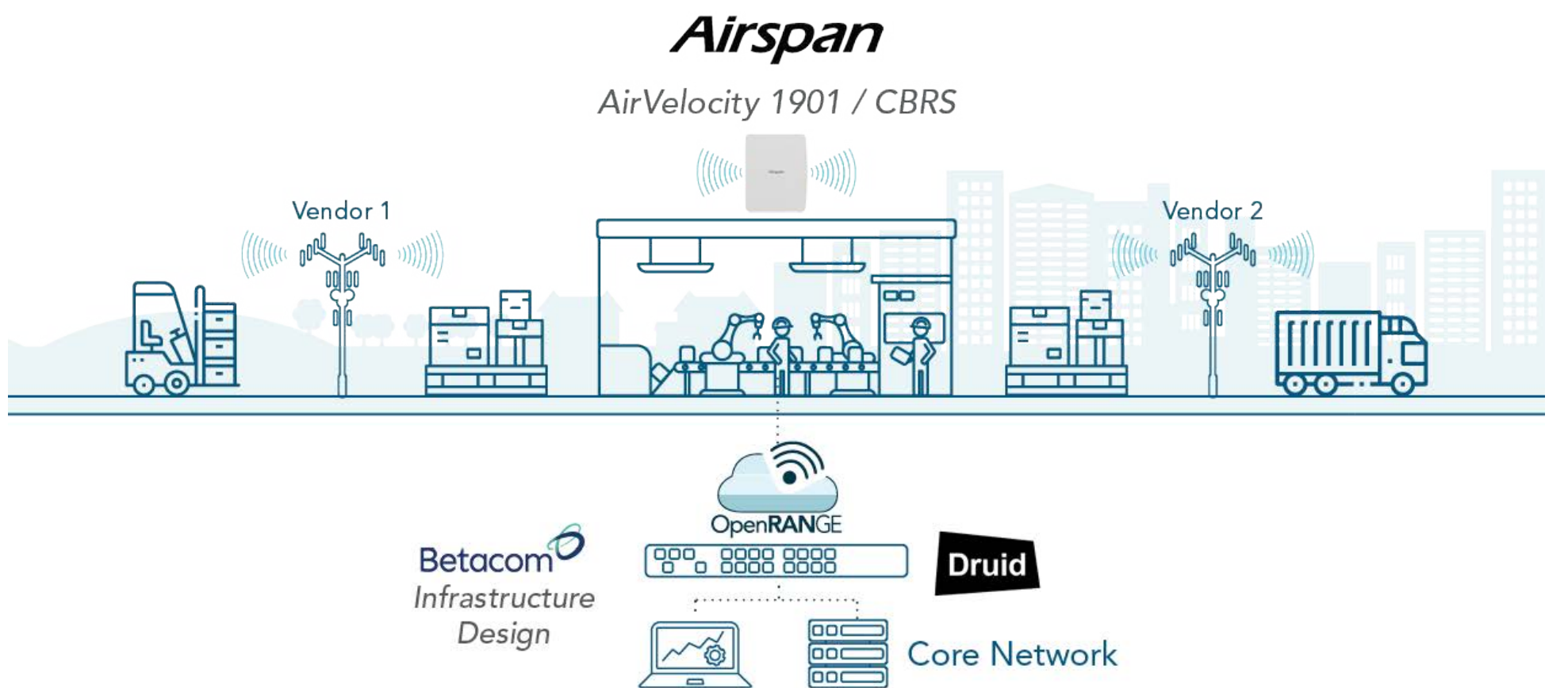
MxD's upgrade to P5G will serve as a prototype for US manufacturing companies to improve its operations by resolving problems such as factory and supply chain automation and cybersecurity. MxD as a testing ground will lead to the alignment of manufacturing companies to Industry 4.0 standards such as automated production, supply chains closer to customers and end-to-end oversight from production to delivery.

Solution & Benefits

Betacom worked with Airspan and Druid on this project. Airspan's Open RAN solutions served as the backbone to build MxD's P5G using CBRS shared spectrum. This was first in the U.S. to have a 5G CBRS small cells certified by the Federal Communications Commission.

MxD's network architecture is a concrete example to manufacturing companies that P5G pushes the boundaries of communication capabilities such as faster real-time data transactions and improved decision making in manufacturing facilities. This is the key to unlock the potential for manufacturers to be more efficient and competitive.

With the success of the deployment, this placed Airspan in the position as one the main driver of adapting P5G in the US manufacturing industry.



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