

iBWAVE SUCCESS STORY

HOW NCR TELECOM & TECHNOLOGY, A LEADING WIRELESS INTEGRATOR, IS USING iBWAVE TO DESIGN CONVERGED NETWORKS IN THE ENTERPRISE.

“

With a trend towards enterprise-funded Wi-Fi and Cellular networks built on common infrastructure components in the same venues, having a solution like iBwave maximizes the productivity of our design engineering and field workforce.

”

*Steven Strickland
Solution Management & Marketing
NCR Telecom & Technology*

QUICK FACTS



NCR is headquartered in the Duluth, Georgia, USA with over 30,000 employees and does business in 180 countries.

Location

International

Products Used

iBwave Design

iBwave Mobile Note

iBwave Wi-Fi

Technologies Designed

DAS

Small Cells

Wi-Fi

Public Safety

WHAT'S THE STORY?

NCR Corporation is a leader in omni-channel solutions, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables more than 650 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business.

Utilizing NCR's team of 17,000 service professionals, NCR Telecom & Technology (T&T) provides comprehensive services solutions encompassing consulting, field services, and remote management to the top telecommunications service providers and network equipment manufacturers across the globe.

Each year, NCR Telecom and Technology:

- Installs and manages over 100,000 wireless access points
- Completes over 250,000 enterprise network deployments
- Manages over 200,000 network end points
- Executes 1.2M service actions

In order to design and deploy high-quality networks their customers can rely on, the NCR T&T division has chosen to use **iBwave Design** as their standard software to design multiple in-building wireless networks, including: DAS, Small Cells, Wi-Fi, Public Safety and cabling routes.

Most recently, NCR has also invested in **iBwave Wi-Fi** for their professional services team to deploy a large amount of stand alone WLAN networks for their customers. In 2017 NCR T&T will have 17 certified iBwave Professionals.

"NCR's ability to standardize on one collaborative design platform is absolutely critical in delivering multivendor wireless technologies to venue owners looking to keep pace with explosive mobile device growth. Our presales and professional services engineers are unmatched in their knowledge of enterprise networking and RF planning. It is my team's inherent responsibility to equip our experts with the right tools to proficiently design in-building wireless networks and exchange information with our global field force in real-time"

Steven Strickland
Solution Management & Marketing
NCR Telecom & Technology

WHY iBWAIVE?

1 ABILITY TO DESIGN MULTI-TECHNOLOGY NETWORKS

With **iBwave Design**, NCR is able to model and design multiple types of in-building wireless networks in a single solution.

2 ACCURATE PREDICTIONS FOR ANY NETWORK TYPE

By using **iBwave Design**, NCR has the ability to run project predictions for virtually any type of wireless network they are deploying.

3 SITE SURVEY AUTOMATION & CLOUD INTEGRATION

With **iBwave Mobile Note**, NCR significantly reduces the survey data import process by using the app as an all-in-one survey tool (data collection, documentation, and design) and then save all site info to the cloud so it can be worked on by an engineer in another location.

FAVOURITE FEATURES

Here are a few of the features that the NCR T&T team finds most useful:

- RF planning automation
- Predictive mapping of cable routes and wireless access points
- Automatic bill of materials and project costs
- Wi-Fi & cellular design in one tool
- 3D output maps
- Prediction validation against measured data

THE BENEFITS

With iBwave as the standard software for in-building network design, NCR has seen significant benefits.

↑ 20%
IN PRODUCTIVITY

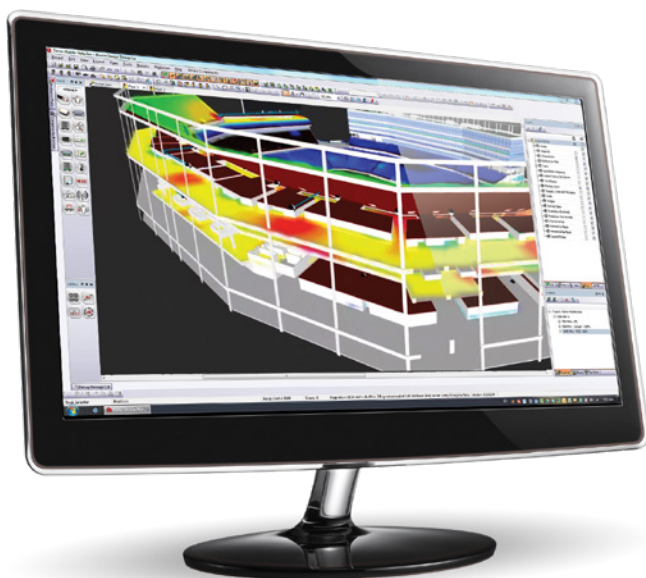
↑ ACCURACY
OF BILL OF
MATERIALS

↓ TIME TO
QUOTE

↑ NUMBER OF
DEALS WON

↓ TIME TO SHARE
SITE SURVEY
DATA

↓ TIME SPENT
ON PROJECT
COORDINATION



iBWAIVE
DESIGN



iBWAIVE
MOBILE

About iBwave

iBwave, the global in-building standard, offers a comprehensive software suite and hands-on certification programs that help deliver optimum wireless network coverage and capacity inside various building environments. The company, which now serves over 800 leading operators, system integrators and equipment vendors worldwide, has developed award-winning technologies to tackle network planning and deployment challenges for both enterprises and public venues. Its portfolio includes mobile applications that enable customers to streamline pre and post installation processes, perform Wi-Fi and Small Cell designs directly on-site, and facilitate information sharing in the iBwave format. For more information, please visit www.ibwave.com



iBwave Solutions Inc. **T** +1 514 397 0606 **F** +1 514 409 2499 **E** info@ibwave.com
400, Sainte-Croix Ave., 2nd Floor, West Wing, Montreal, QC H4N 3L4 CANADA
www.ibwave.com