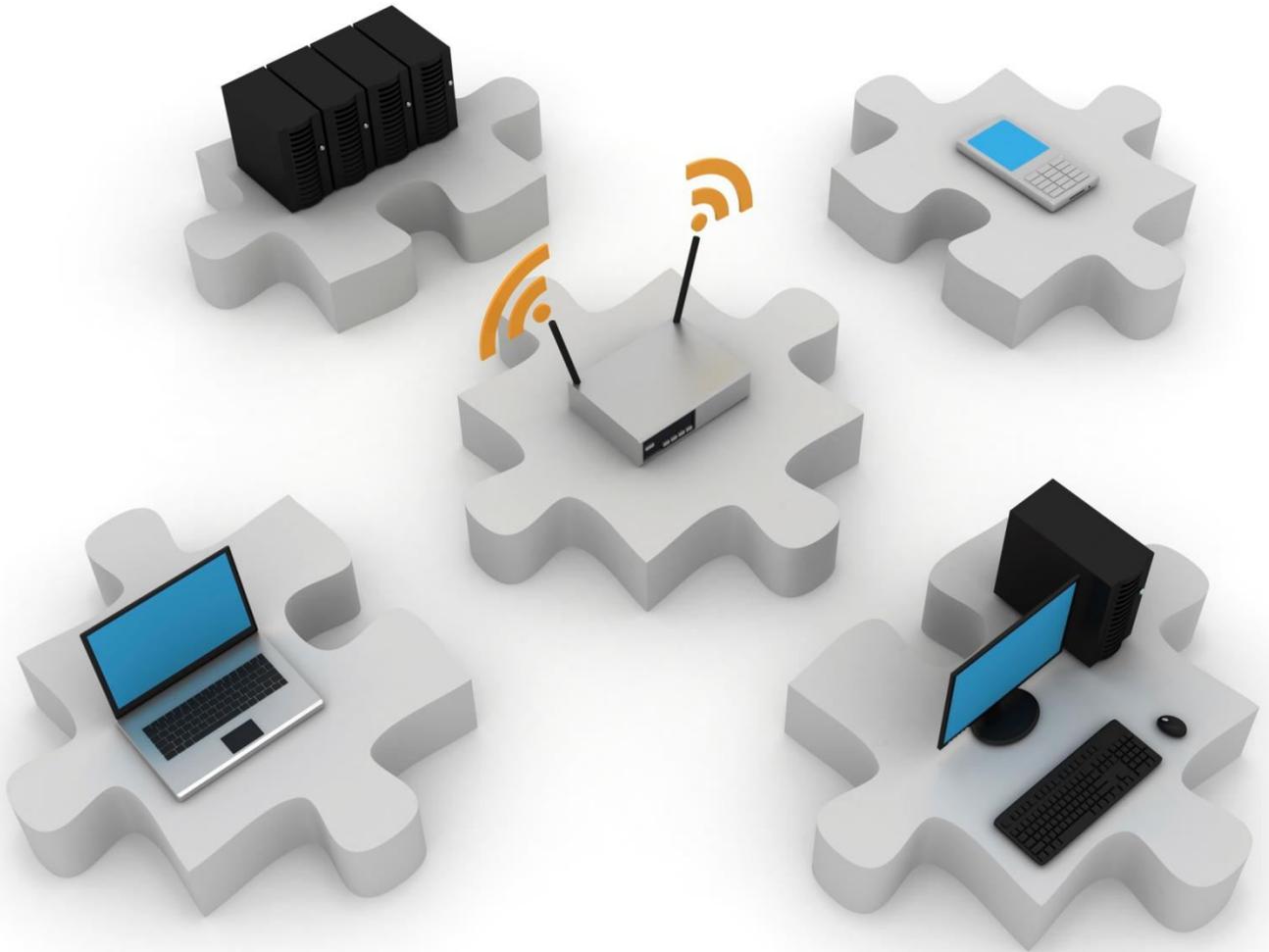


# Onsite Wireless LAN Site Survey



## Case Study

### Contact Us

Australia: +61 871 001350

UK : +44-203-318-5690

USA : +1-347-7595-992

[www.eilglobal.com.au](http://www.eilglobal.com.au)

## Partner

**Global Cisco Gold Certified  
Leader**

*Leading player in the space of Cisco Unified Communications, delivering cost effective solution for many large enterprises, having its operations in more than 50 locations across the globe.*

## Requirement

*Providing Engineers for Onsite Wireless LAN survey, to determine the RF levels and locations of existing access points.*

## Solution

*The levels of radiating RF signals were detected using Spectrum Analysis. The data was analyzed for sources of interference and recommendations were suggested.*

**Our partner**, who is Cisco Gold Certified, is one of the largest Cisco Unified Communications solution provider and one of the top 3 providers of Enterprise Telephony Equipment in the world, for medium and large enterprises across the globe. The company has offices in the USA, Latin America, Middle East, Europe Africa and Asia Pacific.

EIL Global and our partner entered into a partnership agreement where EIL Global would represent the company and send engineers for Onsite Wireless LAN Site Survey. This site survey was done with survey analytic tool to determine the radio frequency propagation levels and locations of existing access points and the results were described in the form of a customized deliverable report. This site survey was spread across 22 locations in UK, Europe (France, Germany, Netherlands, Italy, Spain etc.,) and Asia Pacific (Singapore, Malaysia, Hong Kong, Japan, Australia and China).

The partner company was approached by the end client, which is a Global leader in Biotechnology. The expertise and experience of EIL Global's engineers in providing advanced technologies services across various geographies made the partner to approach Eljay for this project.

## Result

*With enormous expertise in the space of Advanced Technologies Services, the Onsite Wireless LAN survey was completed successfully in timely manner across all the given locations. The recommendations given by our engineers were highly appreciated by the partner as well as the end client.*

## Benefits

- *Enhanced support coverage*
- *Access to a large pool of engineers with varied advanced technologies skills*
- *Focus on Core Competency*
- *Quicker deployment and ability to upgrade*
- *Higher reliability and performance*
- *Excellent working relationship*

## Challenges:

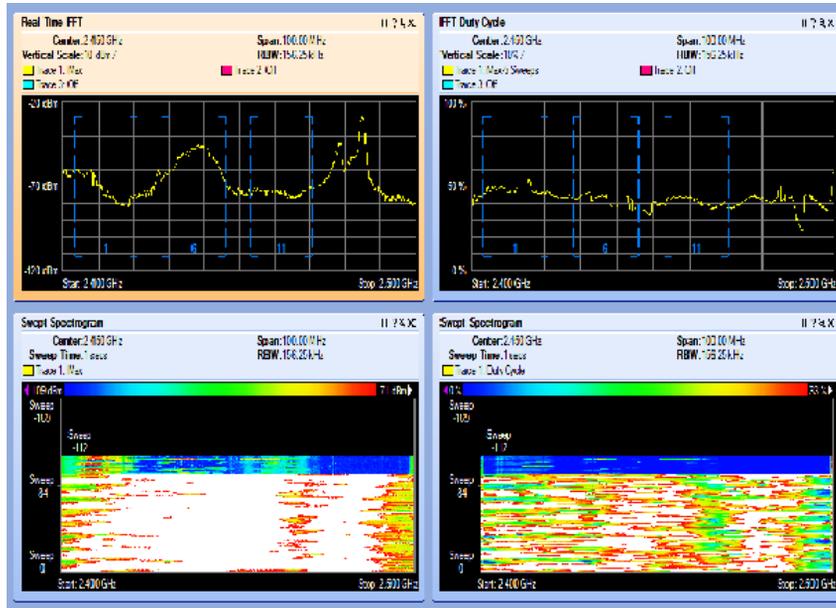
- Walk through to cover the entire office space for all the locations in capturing RF signals.
- Demand of Engineers with good communication skills.
- Multi vendor technology skills, such as Cisco spectrum software and Air Magnet software.

## Solution:

The End customer, a Global Biotechnology leader, operating over 60 Locations across the globe, approached the partner for Onsite Wireless LAN Site Survey. Having handful of experience and expertise in the field of advanced technologies services, Eljay provided the following solution:

- Detecting the levels of radiating RF signals in and around 2.4 and 5 GHz spectrum using Spectrum Analysis.
- Providing the data analysis for “known” and “possible” sources of interference.
- Recommending remediation actions.
- Conducting GAP analysis and preparing report to identify the gap between the proposed optimized solution and the current operating level.

## Analysis by Cisco Spectrum



## Analysis by Air Magnet

