



Digital workspace

# CERTIFIED WIRELESS EXPERTS FOUNDERS OF WIFI WISE

Due to their years of experience, the experts at WiFi Wise know like no other that almost all wireless networks are underperforming. While installing a wireless network is underestimated by most, Certified Wireless Network Experts, are capable of tackling every issue.

Wireless technology hasn't been a secondary matter for a while now. It grew from a gimmick to an important business application. Still many organisations struggle with an underperforming wireless network. This can be annoying to the people working with it and when a well performing network is critical to the user applications of the organisation, underperformance is unacceptable. Causes of an underperforming network are numerous. It is common to leave out extensive scans of the location's perimeter before installing wireless. Sources of interference are then not noticed/tracked and people tend to forget that the growth of a company's network should be linear to the growth of the company.

### Extensive knowledge

The way it is supposed to be done is common knowledge at WiFi Wise. This company was founded by two decorated experts of wireless network technology, Peter Paul Engelen and Raymond Hendrix.

They assist organisations with design, setup and improvement of their wireless networks. The duo possess intricate technological knowledge which they have acquired during a long and intense study programme to become Certified Wireless Network Expert (CWNE). This certification is provided by the CWNP (Certified Wireless Network Professionals). The CWNP is an organisation that is generally recognized as the standard for independent training and certification for wireless network technology. Only a select few achieve the highest status of Certified Wireless Network Expert. Currently there are 290 experts worldwide. In the Netherlands only three carry this particular certification. Among them Engelen and Hendrix.

During our conversation with the two experts their enthusiasm about wireless network technology quickly becomes obvious. "When I was working on the West Coast of the United States, I was nicknamed "The Dutch WiFi Fella". Engelen tells us. "My passion for wireless

technology has only been growing over the years and after a while I was asked to pose questions during product line and technology presentations of wireless suppliers at Wireless Field Day (now known as Mobility Field Day). Due to my social media and blogs my professional network increased, which directed me towards Wireless Consultancy."

### Joining forces

Hendrix too has been involved in large and complex wireless projects for years. "As project leader I am responsible for the design, implementation and troubleshooting of wireless networks at large events. I travel the world regularly for organisations across Europe who are experiencing difficulties with their networks or who want to install an entirely new network. For example, I am now involved in a project at a large Dutch medical institution which requires a wireless network at over 10 locations and also has high demands like voice over wifi.

To better serve the market, the two wireless experts decided to join forces. WiFi Wise aims to assist organisations with all of their wireless issues, no matter the brand or equipment already in use or market segment. "We can assist at any time within a wireless project. Whether it is design, configuration, implementation or troubleshooting. The first thing we always do is a perimeter scan and a network analysis using an array of specialized tools at our disposal. Our ability to differentiate ourselves from others is that we are "masters of Advanced Radio Frequency" (RF).

### Fundamental solutions

WiFi Wise also has a second objective: to put the CWNP certification on the map in the Netherlands. "There are many training courses provided by suppliers like Cisco, Aruba or Ruckus. Compared to those, a vendor independent wireless certification like CWNP is relatively unknown. This is a shame", says Hendrix. Supplier's training courses evolve around implementing a product. There's nothing wrong with that, but CWNP hands you a deeper understanding about the basic principles, for example the physics behind an excellent RF signal. Only when you understand the logic of wireless communication, you are capable of fundamentally solving wireless issues."

Companies can involve WiFi Wise when they need support with wireless projects, but WiFi Wise also provides training courses. "We gladly share our knowledge! Our sentiment is that people working in IT should be well trained and equipped when installing wireless networks. Seeing as we both have a years long study behind us as well as a lot of experience, we are versatile. No question about wireless is too difficult. In fact, we see a challenge in bringing complicated wireless issues to a great close!"

### Founders of WiFi Wise

Peter Paul Engelen started his career in IT at Atos (formerly known as Origin) after he worked for Cisco as a wireless expert in the United States. As an Exam Content Developer he was involved in an examination committee where he formulated questions and evaluated the modules CCNA Wireless and CCNP Wireless. Furthermore, in 2009, Peter was the first Dutchman to hold a CWNE certification. From 2012 he participated in large wireless projects both in the Netherlands as well as the United States for Gecoda Networks.



Raymond Hendrix started his career at the Ministry of Defence in the Netherlands and specialized in "electronic warfare". It was here that his passion for wireless technology was sparked. In the meantime he has accumulated over 15 years of experience operating nationally as well as internationally, delivering complex wireless projects. Regularly he travels the world to build temporary wireless networks at large events like the Shell Eco Marathon. This year has he been awarded with the status of Certified Wireless Network Trainer and is now endorsed to teach all CWNP modules.



### The strict requirements of CWNP

The CWNE status is reserved only a few people. Not only does it take following a years long study programme at the institute of CWNP, it also requires you to have relevant wireless experience as well as writing three relevant essays that have to be reviewed and approved by a CWNP board of advisers. At the other hand it is also possible (and definitely of great value) to follow separate courses at CWNP. For example Certified Wireless Network Administrator, Certified Wireless Security Professional, Certified Wireless Analysis Professional and Certified Wireless Design Professional. Find more information through links provided below.

