

**JOINT MEETING OF THE BUENAVENTURA ELECTRON DEVICES, CIRCUITS AND SYSTEMS, AND
COMPUTER SOCIETY CHAPTERS**

5G and IoT or Internet of Threats

Speaker: Mr. Alan Way, industry consultant

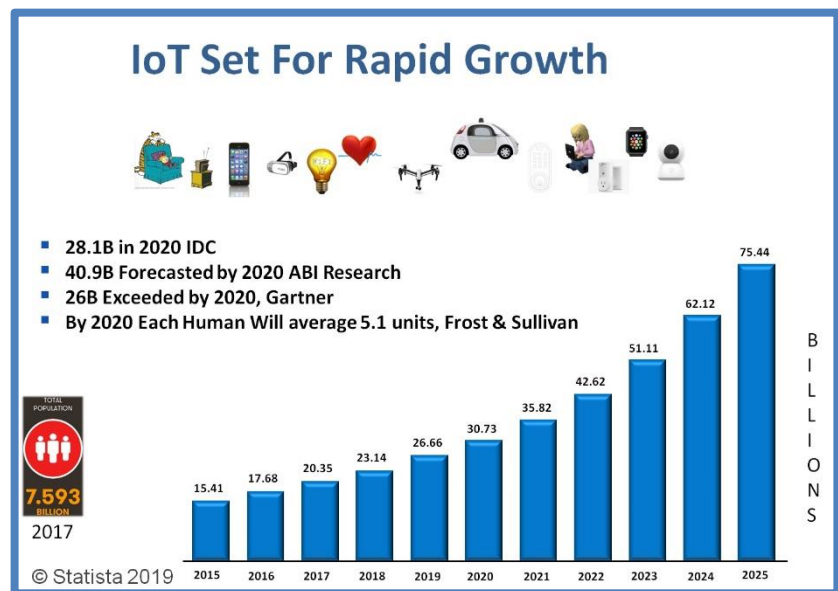
August 27, 2019 at 6:30 PM

**Location: Skyworks Solutions, Newbury
Park, CA**

We are on the cusp of a new industrial revolution with the deployment of 5G networks around the world. Unlike the previous generations of cellular communication, 5G will also focus heavily on machine to machine communication. It is expected that by 2020 over thirty billion devices will be connected to the internet. Over the coming years using a combination of 5G and WiFi, these devices connected to the internet will continue to grow at an explosive rate. The security of these

devices in many cases has been overlooked or not been taken as seriously as it should have been. We are at risk of exposing ourselves to massive network attacks, unless these security concerns are not addressed.

The presentation is a cautionary tale that recounts the largest IoT attack on the internet, costing millions of dollars around the world. We will look at how the attack was implemented, the tricks that it used and the people behind it. Only this year one of the last people involved (that we know of) was imprisoned in the U.K!



Mr. Alan Way is an industry veteran who began his career, helping to design, install and test many of the early X.25 based networks throughout Europe and the United States. Since that time he has lectured on many other IP based technologies, around the world including 1-5G, WiFi, Video, Positioning, Timing, SDN, NFV, IoT, Security, IMS, IPv6, IPSec and many other communication technologies. He also has a channel on YouTube, "alantalkstech" explaining many of these technologies with over 9,000 followers. Alan previously worked for Spirent Communications for 18 years as their International Business Development Manager, presenting technology seminars all over the world. Prior to that he worked for Nortel as their Business Development Director, looking after major international accounts such as BT and Bell Canada.

Originally from Guernsey in the Channel Islands where he studied computer science and telecommunications, he grew up surfing and boating. While working in Paris for two years he met his wife, and now has two children and two grandchildren.

Location

Skyworks Solutions

649 Lawrence Drive, Newbury Park, CA 91320

Intersection of West Hillcrest Drive and Lawrence Drive

(**NOT** the main building, please use link below to arrow that pinpoints building)

<http://maps.google.com/maps?q=34.187542,-118.930994&num=1&t=h&vpsrc=0&ie=UTF8&z=18&iwloc=A>

Directions

From Los Angeles

Highway 101 North

Take exit 47A for Rancho Conejo Blvd

Use the left lane to turn right onto Rancho Conejo Blvd

Turn left onto W Hillcrest Dr.

Destination will be on the right

From Ventura

Highway 101 South

Take exit 47B for Wendy Dr. toward Newbury Park

Turn right onto N Wendy Drive

Continue onto Camino Dos Rios

Turn right onto W Hillcrest Drive

Destination will be on the left.

