

Opening of Munich Technical Center by Panasonic Factory Solutions Europe

On 20 September, 2016, the Panasonic Factory Solutions Europe team held an opening ceremony in their newly established Technical Center close to the Panasonic office near Munich.



It was a great honour to welcome Mr. Hiroyuki Aota, Vice President, Automotive & Industrial Systems Company Japan and Mr. Johannes Spatz, Executive Vice President, Automotive & Industrial Systems Europe, to participate in this special occasion. The Technical Center was officially opened after tape cutting and a toast spoken by Mr. Hiroyuko Nagai, President of Panasonic Factory Solutions Europe.



Tape cutting by Mr. Hiroyuki Aota, Vice President, Panasonic Automotive & Industrial Systems Company (middle), Mr. Johannes Spatz, Executive Vice President, Panasonic Automotive & Industrial Systems Europe (right), Mr. Hiroyuki Nagai, President of Panasonic Factory Solutions Europe (left).

Since June 2016 customer training and machine demonstrations have been taking place in this location, which consists of several rooms for machine and software training and a machine demonstration area for customers. The Technical Center is equipped with screen printers and mounting machines from Panasonic as well as with complementary equipment from partner companies.



The history of Panasonic FA from its beginnings in the 1960s up to today is displayed in the Technical Center. Panasonic founded the FA division in Europe in the mid-1979 with German customers and then expanded its sales and services all over Europe, Turkey and Africa.



The Technical Center was not just established to display machines and hold training sessions.

It is regarded as a "hotspot" which represents a central location for Panasonic customers and partners by providing access to all Panasonic's services related to Factory Automation and by connecting all together with innovative solutions for the factory of tomorrow.

In the Technical Center, customers have the opportunity to see and to experience

- SMT machines equipped with the latest technology, either as a stand-alone or an in-line-solution
- Panasonic's 'Smart Factory' solution – Panasonic SMT machines and third-party equipment as a complete production line fully controlled by PanaCIM®, Panasonic's unique software solution for total production management
- Training on the machines and equipment for maintenance
- Training sessions and demonstrations of the PanaCIM®
- Panasonic high-end service

The Panasonic Factory Solutions Team is looking forward to welcoming customers and visitors to the new FA Hotspot to show, train and demonstrate Panasonic's outstanding production equipment to fulfil their production needs and requirements.

Technology Days at Panasonic Factory Solutions Europe

Panasonic held its 'Technology Days' in their new Technical Center, the 'Hotspot', from 21 to 23 September, 2016.



Customers also had the opportunity to view a full production line incl. equipment from partner companies, Viscom (SPI), KohYoung (AOI), Asys (conveyor and stacker) and Essemtec (Material Tower).



Alongside the production line, the recently introduced NPM-VF for SMT placement and odd-shaped component insertion and placement as well as the modular placement machine NPM-W2 were shown as stand-alone solutions.



Software area (left), production line (centre) and NPM-W2 with Asys stacker.



Software area showing PanaCIM®, Navigator, Pana PULS – the remote service application by Panasonic and ASYS Puls.

During the Technical Days, the interested audience were provided with information and got a chance to participate in discussions on the following subjects:

- A. 'Smart Factory' solutions incl. live demo
 - 1. Remote control + APC FF / FB with Viscom & KohYoung
 - 2. 0250125 live comp. placement + high-speed force-control system
 - 3. PULS connection

- B. Proposal on high-mix across multiple lines
 - 1. Panasonic flexible dual-lane concept
 - 2. Ideas for labour reduction
 - 3. Changeover: prep – setup – changeover – 1st board quality – maintenance

- C. Proposal for the reduction of manual insertion
 - 1. Printing process incl. PIP
 - 2. Odd-form placement and insertion
 - 3. Third-party feeder integration



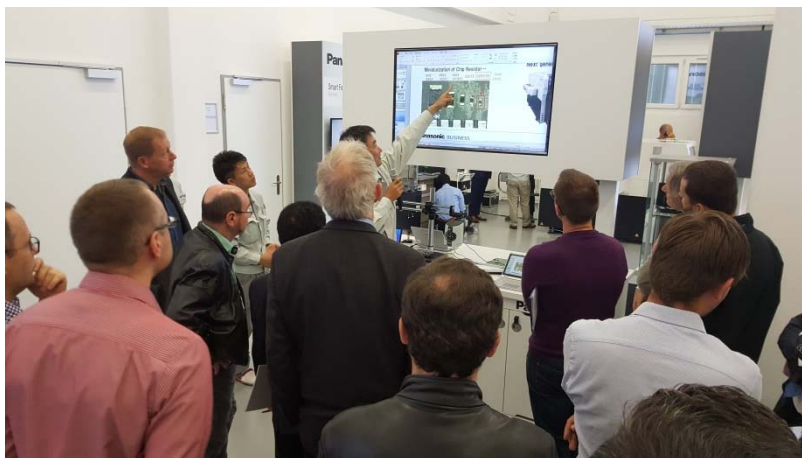
Live demonstration of production line.

Visitors showed great interest in Panasonic's 'Smart Factory' solution. SMT machines were placed in line with SPI of Viscom and AOI by KohYoung. All the equipment is linked using the Asys conveyor and stocker. PanaCIM® took on full control of the line.



Panasonic 'Smart Factory' solution.

Panasonic's solutions for what is currently the most discussed topic in the industrial world – Industry 4.0



Miniaturization of SMT components

- Miniaturization continues as functionality demands increase.
- Continued reduction in size and weight of passive chip components.
- Driven by the increased use of modules in ultra-portable mobile and wearable devices.

This topic was discussed and followed by a live demonstration on 0250125 chip components.



Our Solutions, Your Value

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