



BENEFIT OF A COMPLETE PRODUCTION FROM ONE SOURCE – VIP VIRANT AND JUKI

VIP Virant from Ljubljana has won the 2014 international call for tenders for the Volkswagen group. The product is an iPhone connection to the multimedia world in Volkswagen cars.

With one click, the iPhone is plugged in and the connection to the car is made. Generally, all iPhone functions are available. The iPhone can be utilised as a navigation aid, or one can make a call over the hands-free car kit, or one can listen to the music from the media centre, and all this without taking your hands off the steering wheel.



The driver is, thanks to the Apple apps, always kept up-to-date during the journey. News from Facebook or Twitter is simply read out. In return one can send digital postcards including his actual position and pictures from the vehicle's interior.

VIP decided to conduct the complete production, from the plastic case, over the cables and the electronics, right up to the SMT assembly, all in their own plant and under their own direction. So VIP broke new ground in assembly technology.

It quickly became clear during the evaluation phase that only companies with a complete supply from one source were in the running. Unfortunately, VIP detected that this palette is very limited in the SMT capital equipment industry.



Robert Virant, director and owner of VIP Virant, explained: "After concentrating on German products that are already in use at many places in the automotive electronics industry, JUKI presented a complete production concept to us. My team was elated. JUKI not only guaranteed all benchmark data for a top automotive quality assembly, but also continuous quality control of under 30 dpm, a guaranteed line output, traceability integration from the laser marker up to the finished product, the whole coordination from one single source and their support not only until the acceptance but also over the whole lifetime of the systems. This was further underlined by their 3 years warranty."

The new fully integrated assembly line consists of JUKI loaders, transport systems and linked repairing stations. The JUKI GL printer together with the JUKI SPI/AOI system RV-1, a nitrogen reflow oven and two JUKI mounters are also included. A continuous traceability system down to the level of every single placement and a quality management system, such as the retrieval of all process parameters before printing, are already applied before the board enters the line. With this complete solution, VIP Virant could outsource the entire responsibility to JUKI without any extra expenses.

Robert Virant furthermore said: "To survive in the automotive sector, one must develop and fabricate top products at affordable costs with the highest quality. JUKI as a partner enabled us to achieve these high objectives."

About VIP Virant:

VIP Virant is a group of five companies, which are operating in different areas. At the main plant in Ljubljana, they develop and produce a number of different technologies themselves – from the mechatronics over plastic cases and the cable loops, up to the complete assembled board. VIP Virant turns over 42 million Euros per year with 220 employees. Read more under:

www.vip-virant.com

European Headquarters:
JUKI Automation Systems GmbH
Neuburger Str. 41, 90451 Nuremberg, Germany

phone: +49 911 93 62 66 0
fax: +49 911 93 62 66 26
email: info@juki-smt.com

JUKI
www.juki-smt.com