



Philippine Airlines becomes first airline customer of TriaGnoSys' inflight GSMConneX connectivity hardware

Munich, 09 July 2013 – A Philippine Airlines (PAL) Boeing 777-300ER jet that has been fitted with TriaGnoSys' inflight GSMConneX connectivity hardware was officially released today, making PAL the first to offer TriaGnoSys' inflight GSM and WiFi services.

This marks the first time GSMConneX has been installed on a commercial airline.

GSMConneX will also be installed in all of PAL's B777 and Airbus A330-343 aircraft.

With GSMConneX, PAL passengers will get to enjoy onboard cellphone calls and WiFi connection.

GSMConneX is available as a retrofit option, with Mobile OnAir and Internet OnAir services. OnAir is Philippine Airlines' GSM and WiFi service provider.

GSMConneX was originally intended to power inflight GSM and TriaGnoSys has now expanded it to include WiFi. It incorporates the hardware and software parts for both the aircraft and ground segments. The airborne hardware consists of only two lightweight and small units, combined with wireless access points and a cabin control screen. TriaGnoSys is responsible for supplying GSMConneX itself, as well as integrating the other third party hardware elements into the full turnkey solution.

Dr Axel Jahn, Managing Director of TriaGnoSys, said, "Philippine Airlines is the first GSMConneX commercial airline customer, which is excellent news. We have designed our hardware and software portfolio to be highly flexible, so we were able to move very quickly to meet the airline's specific requirements, which in this case included the addition of WiFi capability. In fact, the customization process took only a few months."

As well as connectivity, the GSMConneX platform has been designed specifically to host a wide range of software application modules. These include entertainment and non-flight-critical cockpit applications.

Ian Dawkins, CEO of OnAir, said, "The beauty of GSMConneX is that it is very simple to install and TriaGnoSys is highly flexible and easy to work with. That is very attractive for airlines, which want to provide inflight connectivity for their passengers in the most straightforward way possible. The ability to offer both GSM and WiFi services is very important: passengers want to be able to choose how they communicate during the flight, just as they can on the ground."



As an EASA Part 21 Design Organisation and Production Organisation, TriaGnoSys supplies GSMConneX as certified hardware; it is available with an EASA Form 1. The GSMConneX hardware is manufactured at TriaGnoSys' headquarters in Oberpfaffenhofen near Munich, Germany.

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About TriaGnoSys

TriaGnoSys is the information and communication technology provider to the aviation industry. We supply turnkey solutions to OEMs and service providers, employing satellite, air to ground and other radio links. TriaGnoSys technology enables a range of passenger connectivity and entertainment, airline operations, and cockpit applications, including:

- **GSM/3G/LTE**
Passenger can use their mobile devices to make and receive calls, and send and receive text messages and emails, as well as access high-speed Internet
- **Wireless IFE / WiFi**
IFE content can be streamed wirelessly to passengers' own devices, or to embedded IFE screens, and passengers can access the Internet through portals
- **Wireless Sensors**
Flexible wireless sensor networks enable avionics data exchange to increase efficiency of aircraft maintenance
- **Cockpit and Air Traffic Management**
Connectivity and information to manage the aircraft efficiently and safely in all phases of flight including ground operations

TriaGnoSys is an EASA Part 21 Design Organisation and Production Organisation. We supply our customer with innovative developments and airworthy hard- and software solutions.

TriaGnoSys is headquartered in Oberpfaffenhofen, Germany, a European centre of excellence for aviation, satellite communications and satellite navigation.

For more information, go to www.triagnosys.com