

TEXEL goes WiFi with Military Specification.

Global Collaboration produces a Global Solution in CSI with WiFi Military Specification.

Germany, Singapore, Ireland, India, Israel technology co-operation deploy a pioneering Finnish concept innovation in Maritime Security to meet the demands of the Container Security Initiative (CSI).

After extensive market research, the TEXEL Box-in-a-Box specifications of the TRAXAT Triband 900-1800-1900 GSM-GPRS-GPS Black Box with Volumetric Sensors has now been upgraded to RFID-WiFi Military Specification.

The new specification may satisfy both CSI demands as well as Theft & Pilferage Prevention of cargo and deliver an audit on demand.

German Aerospace Center spin-off TriaGnoSys GmbH, the developers of the GSM<->GSM via Satellite communications in joint collaboration with MobinTeleCom Oy of Finland have upgraded the state-of-the art security solution for containers. The MobinTeleCom solution is a GSM<->GSM based, global communication supported by Satellite, is the most sophisticated Real Time Global Live Tracking solution currently available.

MobinTeleCom Solution partners are-; TriaGnoSys of Germany (producers of the Pico Cell), Singapore Technologies Engineering - CET Defence Division (manufactures TEXEL Box-in-a-Box), ST-Tunity of Singapore (manufactures RFID component), Mobil-I Ltd of Ireland (supplier of Enterprise software for Europe-USA), Infodesk Pte Ltd of Singapore & Bangalore (supplier of software platform for Asia-Pacific-USA), Multiband Antennas of Ireland (manufacturer of the GSM-GPRS-GPS-RFID-WiFi antenna).

Door-to-Door Security Monitoring with Journey Report

Container Security Initiative (CSI) activated by the Department of Homeland Security, and Customs & Border Protection (CBP) of USA, may give preference to shippers who are able to produce a Comprehensive Journey Report to confirm that the integrity of the container contents and its door seal have not been compromised, from the point of application of the door seal upto CBP inspection in USA.

TEXEL Box-in-a-Box

To facilitate a total security concept, MobinTeleCom (MTC) launched the TEXEL Box-in-a-Box comprising of the TRAXAT Triband 900-1800-1900 GSM-GPRS-GPS Black Box with a battery back-up to sustain a stand alone journey of upto ninety (90) days.

RFID complements audit & security

Additional feature includes dual RFID Transceiver inside the TEXEL Box-in-a-Box. Its main function is to maintain connectivity with the RFID Transponder on the container door seal. Furthermore, RFID Transceiver acts as a comptroller of all merchandise entering and leaving the container, thus giving a continuous audit. At any point of compromise, a Panic signal is

activated, which will be forwarded to the security monitoring functions, and recorded instantly.

Volumetric Sensors maintain total vigilance

Most containers which transport high-value easily disposable merchandise such as tobacco, alcohol, consumer electronics are often subject to theft. The perpetrators, without disturbing the door seal are known to cut open the containers from its sides or from the bottom. To overcome intensive police investigations, the thieves only remove a nominal quantity. Hence the police do not show interest in the investigation of a container with a cargo value of US\$ 2 million or more where the theft is fractional to activate the attention of the law enforcement authorities.

The shipper might lose his insurance benefits and may have to top up the loss of cargo to expedite the Letter of Credit activation.

Volumetric Sensors may thus activate any disturbance of air pressure, temperature, vibrations or most violations, and forward a Panic SMS giving all co-ordinates including an RFID audit.

WiFi / WiMax to complement regional communications

The international GSM regulations forbid intrusion of GSM transmission without authorization. Approvals to enter into a sovereign territory takes time and costs money. Whilst the Pico Cell Gateway Platform manufactured by TriaGnoSys GmbH hands over connectivity upon recognising Land Terrestrial transmission, TriaGnoSys offers an alternative in WiFi to overcome any legal violations, seamlessly with a WiFi Gateway Hub.

MobinTeleCom now offer both a Gateway Hub and a TEXEL Box-in-a-Box with TRAXAT Triband 900-1800-1900 GSM-GPRS-GPS-RFID-WiFi, supported by a compatible antenna supplied by Multiband Antennas of Ireland.

RFID Transponder Door Seal

The hear beat-pulse every one and a half seconds makes the intrusion and compromise of a container door seal an impossible task, is created by ST of Singapore.

TriaGnoSys - Gateway Platform delivers Global connectivity

Initially, TriaGnoSys as a commercial spin-off of the German Aerospace Center developed the Pico Cell Gateway Platform for GSM connectivity on aircraft. The TriaGnoSys Platform enables seamless connectivity and access to Internet, SMS, E-mail as of Q1-2005 with Voice delivered towards end of 2005.

TEXEL & TRAXAT Hardware goes upto Military Specification

A two to three weeks journey in a container vessel demands that the TEXEL & TRAXAT to be of rugged, robust, weather proof, temperature flexible, and subject to mishandle, as a pre condition. In order to withstand such punishment and deliver a ROI, MobinTeleCom decided to manufacture the hardware upto Military Specification.

Monitoring Software - Options from Singapore and Ireland.

CSI as a global project where 60% of the origins of containers lie in the Asia-Pacific, subject to all the Time Zones, it is imperative to accommodate cross-cultural differences, languages, to deliver a 24x7 service, on demand.

Several supporting facilities in USA, Europe and in Asia will complement the two main software platforms in Singapore and Ireland.

MobinTeleCom Global Launch of CSI

Subject to satisfactory Pilots and Trials, the Global Launch of CSI will commence in Singapore during Q2 to USA East and West coasts.

Invitation to Pioneer CSI and Anti-theft Solution

MobinTeleCom invites shippers, consignees, insurance companies, forwarders, shipping lines to challenge the criminal elements with the **Global Real Time Live Tracking Anytime-Anywhere Security Monitoring Solution.**

Contact us now!

About Mobintelecom Oy (MTC)

Mobintelecom Oy offers a comprehensive operational Global turnkey security monitoring and theft prevention solution in Container Security, to satisfy demands of the Department of Homeland Security (DHS) and Customs & Border Protection (CBP) of the United States of America.

The hardware solutions consist of the a GPRS-SMS Gateway Platform commercialised by TriaGnoSys GmbH of Wessling, and the Telematics equipment combined with a high security Door Seal developed for MobinTeleCom Oy (MTC) of Helsinki.

More information: <http://www.mobintele.com/>

About TriaGnoSys GmbH

TriaGnoSys GmbH is a spin-off of the German Aerospace Center (DLR), based at Wessling. TriaGnoSys provides communication concepts, technology solutions and consultancy for mobile applications. TriaGnoSys has a strong background in communications research with focus on satellite and aeronautical applications. Seamless communication across all network boundaries is driven by the needs of tomorrow's mobile user. For this, TriaGnoSys integrates multiple communication segments for high-quality applications at competitive cost.

TriaGnoSys is committed to serve its customers with highest expertise, state-of-the art technology and due diligence. TriaGnoSys will enable your business with new communication concepts, not cheap but economical, not simple but brilliant.

More information: <http://www.triagnosys.com/>