



**Plextek**

Telecommunication Certification Body  
RFI Global Services Ltd.  
Pavilion A  
Ashwood Park  
Basingstoke  
Hampshire  
RG23 8BG  
United Kingdom

**Confidentiality letter for FCC - B400HPNB Main Unit**

Your ref:

Our ref: 8BC112 02

Date : 02 June 2011

Dear RFI TCB,

FCC ID: UFQB400HPNBMAIN

It is requested that the following information for the product listed above is to be permanently held confidential on behalf of Plextek Ltd. FCC Rules Part 47 CFR 0.457(d) and 47 CFR 0.459 apply.

**Blighter B400 series: All block diagrams, all schematics, all parts lists, all internal photographs, the Radar Operational Description, the User Manual (supplied to user under NDA).**

Plextek's Blighter radar is the only Ground Surveillance Radar in its class offering a unique set of features that together make Blighter very attractive to the security market and competitors.

Specifically, Blighter has been designed, from initial concept to a finished product, completely within Plextek. The total Blighter radar system offers; a unique electronic beam scanning antenna, high radar sensitivity, low power consumption, light-weight, high levels of connectivity, a number of integrated peripherals, and all at a competitive price. Investment to date in the Blighter radar has been many \$M. Recovery of this investment and maintenance of a viable business relies on maintaining the technology advantage offered by Blighter.

Disclosure of the methods by which the radar achieves these features would enable competitors to replicate critical aspects of the design and thus gain an early advantage in the market.

All the radar design has occurred within the secure Plextek site in the UK. No one company is responsible for manufacturing all critical parts of the design. Final assembly and test occurs within Plextek, where production standard firmware and software is installed. The radar is treated as a Line-Replaceable-Unit (LRU) and the radar enclosure is sealed with tamper resistant steel cable seals, therefore no-one should be able to access the internal design of the radar.

No aspects of the detailed design have been released to any other third parties. External manufacturers have access to certain parts of the design, but no one manufacturer has access to all parts of the design.

Yours sincerely



Mark Radford

Director of security products

MR@plextek.co.uk