

Protection Against Unauthorized ESN and Firmware Upgrades

Per Part 22.919

The Electronic Serial Number (ESN) bits in this family of phones are encoded and spread over various non-sequential memory locations in order to prevent detection and modification. Once the factory has programmed the ESN, the mobile firmware cannot overwrite or alter the ESN memory locations. Both the ESN host and operation system components are permanently mounted to the mobile in order to prevent removal and misuse. Unauthorized attempts to alter the mobile's firmware will cause the unit to become inoperable.

Protection Against Unauthorized IMEI and Firmware Upgrades

Reference: IMEI Security Declaration

This is to confirm that the Ericsson Model CF888 certifies that sound engineering practices were used in securing the IMEI in accordance with PCS 11.10, section 11.7.

1) Programming Security

Encryption technique has been adopted to prevent unauthorized reprogramming of the IMEI. The IMEI numbers are stored in nonconsecutive memory addresses.

2) Mechanical Security

The apparatus has been constructed such that unauthorized persons cannot economically replace the component in which the IMEI is stored.

3) Availability of Software

Knowledge of the software and data locations are restricted to the manufacturers personnel on a need to know basis.

CERTIFICATION OF DATA

The technical data contained in this application has been taken personally or under my supervision, and is certified true and correct. My qualifications include a BSCS from Florida Atlantic University and over twelve years of experience in the communications industry.



Neil Anderson, Development Manager
Verification Manager-Cellular Phones

7/22/98

Date

I certify that this application was made at my direction. I attest to the proper function of the switching and signal processing portion of this transmitter. It meets the system compatibility specifications as detailed in and as referred to in Part 22 and 24 of the Commissions Rules. The data and statements made herein are to the best of my knowledge true and accurate.



Høkan Ramberg, Project Manager
Cellular Research and Development

24-07-98

Date