

**CALL FOR PAPERS - IEE TECHNICAL SEMINAR ON:  
"SECURE GSM AND BEYOND:  
END TO END SECURITY FOR MOBILE COMMUNICATIONS"**

**Tuesday, 11<sup>th</sup> February 2003, IEE Savoy Place, London, UK**

**Organised by the IEE Professional Network on  
Communications Networks and Services**

Mobile telecommunications such as GSM are now well established globally and users rely heavily on the convenient communications it provides. The level of security provided by GSM is superior to its predecessors and is more than adequate for the majority of users. However some users in areas of government, defence or business may require additional security over and above that provided within the GSM standards and by standard GSM equipment.

This seminar will consider the application of additional security to mobile communications, such as GSM terminals which provide end to end encryption for voice and data communications. The scope of the colloquium will also cover encryption over heterogeneous networks, user experiences and the views of network operators over which such encrypted services are operated. The scope of the seminar will also extend to consider the provision of security in public safety, 3G networks and beyond.

This event will update attendees on the current status of security in mobile networks, the availability and performance of terminals which can offer additional security and user scenarios. It will also provide the opportunity to discuss the technical and engineering challenges that remain. The one-day seminar on "Secure GSM and beyond" will be held on 11<sup>th</sup> February 2003, at IEE, Savoy Place, London. Areas to be covered will include:

• What is the threat ? How real is it ?	• Interoperability issues for end-to-end security
• 3G Security	• User and Network Operators perspectives
• Inter-network reliability	• Standardisation
• End to end security via satellite services	• Encryption on SIMs

Prospective authors interested in contributing to this Seminar are invited to submit an extended abstract of three to four A4 pages describing the work, its achievement (it will be helpful to include a figure or table and references) and the title by **Monday 9<sup>th</sup> December 2002** (with their postal address, telephone number, fax number, and email address) to: Michelle Swift Tel: +44 (0) 20 7344 5419 Fax: +44 (0) 20 7240 8830 Email: [mswift@iee.org.uk](mailto:mswift@iee.org.uk). It is envisaged that the Seminar will comprise a mixture of informative and technical papers. Authors of accepted abstracts will be required to submit 6-page (A4) paper based on the abstracts, including figures and references. These will be included in a publication of papers from the Seminar.

**Registration:**

A programme and registration from the event will be available in due course. Alternatively you can Email Michelle Swift with your full mailing address to register your interest and receive a printed copy.

**Point of Contact**

Michelle Swift      Tel: +44 20 7344 5419      Fax: +44 20 7240 8830      Email: [mswift@iee.org.uk](mailto:mswift@iee.org.uk).

**Professional Networks**

For more information on the Communications Networks and Services Professional Network or any other Professional Network please visit our web site at: <http://pn.iee.org/> Or contact the PN manager: Steve Plimmer, ([splimmer@iee.org.uk](mailto:splimmer@iee.org.uk))

The IEE (Institution of Electrical Engineers) is Europe's largest professional engineering body; it is a not for profit organisation and is registered as a charity.

Technical Seminar on  
**End to End Security in  
Mobile Communications**

February 11<sup>th</sup> 2003, London, UK

*Call for papers*

*Contributions are invited on the subjects of:*

**Secure GSM**

**3G security**

**End to end security via commercial  
satellite services**

**Network operator viewpoints**

**Interoperability issues for  
end to end security**

**Market differences: Commercial,  
government and defence users**

*For details and submission of abstract please contact:  
Michelle Swift Tel: +44 20 7344 5419 or Email. [mswift@iee.org](mailto:mswift@iee.org)  
Abstract deadline December 9<sup>th</sup> 2002*