

Fakultät IV Elektrotechnik und Informatik Institut für Softwaretechnik und Theoretische Informatik

Security in Telecommunications

Prof. Dr. phil. nat. Jean-Pierre Seifert

Sekretariat TEL 16 Ernst-Reuter-Platz 7 10587 Berlin

Telefon +49 (0)30 8353-58680 jpseifert@sect.tu-berlin.de

Administrative Assistenz Claudia Petzsch

Telefon +49 (0)30 8353-58681 claudia@sect.tu-berlin.de

Unser Zeichen: TEL 16

TU Berlin, Sekr. TEL 16 | Ernst-Reuter-Platz 7 | 10587 Berlin

Berlin, 8th February 2021

Letter of support to Osmocom

To whom it may concern,

We at the Security in Telecommunications research group at TU Berlin take this opportunity to recommend Osmocom as an excellent resource for research and development in the field of mobile communications.

Osmocom projects have been a great platform for us to investigate practical security aspects of multiple generation cellular networks. The findings have been published in top-tier academic conferences. In particular, we used OsmocomBB utilizing Motorola platform to demonstrate the weak security of paging mechanism in GSM architecture.

We used Osmocom projects in our lectures including baseband, core network software, and SIM card related tools to communicate cellular network protocols in an easy and effective manner. Learning from Osmocom tools provide a fundamental basis for the students to understand the complexities involved in operating and deploying cellular networks.

The continuous efforts from Osmocom community to open source various cellular network components over the last decade have been unprecedented. We would encourage/support/recommend that Osmocom receives contributions of any kind, including financial contributions to extend the scope, functionality, testing, usability and documentation.

With best regards, Prof. Dr. Jean-Pierre Seifert

Seite 1/1





TU Berlin | Umsatzsteuer-Id.-Nr. DE 811231089 Berliner Volksbank | IBAN DE69 1009 0000 8841 0150 03| BIC BEVODEBB