

Curriculum Vitae – Francois Ennesser
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PROFESSIONAL EXPERIENCE

- 2009 – Present **Gemalto**, Meudon, France – Company representative in ETSI TC M2M and contributor to specifications. Chair of TC M2M WG4.

Involved as security expert in EU groups on Smart Energy: DG ENER Smart Grid Task Force EG2, M/441 Adhoc Group on Security and Privacy, M/490 Smart Grid Information Security group (SGIS), and DG CONNECT EG on Security and Resilience of Communication Networks for Smart Grids. Work package leader for some deliverables.

Company representative to DLMS User Association
- 2006 – 2008 Standardization representative in ETSI TC SCP and 3GPP TSG CT6. Rapporteur and contributor for new interface specifications for smart cards, secure channel and M2M form factors.
- 2004 – 2008 **Schlumberger / Axalto / Gemalto**, Montrouge, France – As an initiator of the work on a low-power embedded version of the USB interface, co-chaired the Inter-chip USB and later the High Speed Inter-Chip USB Working Groups in the USB Implementers Forum; also involved in USB OnTheGo, Secure Mass Storage and Media Transfer Protocol specifications.
- 2004-2006 As main company representative in 3GPP2, contributed to the CSIM specification and initiated other specifications in TSG C WG1.4.
- 01/2002 – 2004 **Sc lumbergerSema**, Montrouge, France – Company representative in ETSI TC SCP and 3GPP TSG T3. Rapporteur of Work items and specifications
- 10/1999 – 12/2001 **Bull CP8**, Louveciennes, France – Company representative in ETSI and 3GPP standardization groups related to terminal-side security / SIM cards.

Embedded software development for GSM SIM cards, including optimization of communication and security routines and Virtual Machine support
- 01/1995 - 9/1999 **Air Liquide, Welding research Center**, Saint-Ouen-l’Aumone, France – Development of a patented optimized embedded process control system for Gas-Metal Arc Welding: Involved cross-sector communications between professional welders, power electronics designers, and Arc Welding process experts. Implementation on industrial microcontroller for the commercial product
- 1994 **Nortel Matra Cellular**, Bois d’Arcy, France – Development of the multilingual (French / English) documentation on the GSM System equipments from the company
- 1992 – 1993 **IC Vision**, Los Angeles – Development and implementation of video image processing algorithms for real time embedded applications

EDUCATION

- 1987 – 1992 **Diplome d’Ingenieur (Engineering Degree)** with Honors from Ecole Superieure d’Ingenieurs en Electrotechnique et Electronique, Paris.

Major in Process Control and Digital Signal Processing
- 1991 – 1992 **Master of Science in Electrical Engineering (MSEE)** from University of Southern California, Los Angeles (GPA 3.9), as joint degree

Major in Artificial Intelligence and Pattern Recognition