Application Developer Training Course

A comprehensive guide to developing and loading MULTOS Applications

Course Outline
The MULTOS Application Developer Course is designed as a comprehensive introduction to the technical aspects of the MULTOS Operating System, giving participants the opportunity to not only learn how to build an application for MULTOS, but also gain valuable practical, first hand experience in developing, compiling, debugging and loading these applications using the most up-to-date suite of tools and mechanisms currently in use by industry.

Course Format
In the first half of the course, the participants will be introduced to the MULTOS scheme, the cryptography used and the basics of programming for MULTOS.

The second half focuses on practical tutorials, allowing participants to edit examples, leading to writing and compiling their own applications, and finally loading them onto a MULTOS card. Tools, card readers and cards are supplied as part of the package, as well as documentation and example applications.

Although the course has a prescribed agenda, this can be customised to accommodate the needs of the client. Whether these be time restraints, number of participants or specific content requirements, MAOSCO can design a course that is most suited to each client’s needs.

Who the course is for
The course is aimed at anyone who wishes to deepen their understanding of MULTOS and application development. It is assumed that the participants will have some prior ‘C’ programming knowledge, as well as understanding ISO 7816-4 basics such as APDU structure, T=0 vs. T=1, basic commands etc. A basic understanding of cryptography is also desirable (Symmetric vs. Asymmetric, block ciphers, hashing, certificates etc.). Introductions to all of these subjects can be added if required.

Support
Once the participant has completed the course, they are automatically enrolled on the MULTOS Developer Forum; a limited access site where Developers can exchange ideas and solutions with Developers from a global community.

MULTOS SMARTDECK
SmartDeck contains all the tools needed to compile, link, debug and load applications to a smart device. It also contains an ActiveX control that can be used in Windows™ applications and on web-pages to allow the client software that uses MULTOS applications to be written.

Further Details
Location
Courses are run throughout the year, in a location to suit the client.

Participant numbers
To gain the most from the course, it is recommended that the number of participants is limited to 12, but larger groups can be accommodated.

Fees
Educational establishments T&E only
New Consortium Members 1 day free + T&E
Others £1,000/day + T&E

For further information and details on course bookings, please contact: