

# Smart Card Web Server - Servlet Development

Rapidly begin to Develop, Test & Debug your own SCWS VAS Applications



**Boost service usage** via a user-friendly interface allowing service discovery and easy access to **dynamic content**. Operators now have the opportunity to present all their services, from whichever location (network or local), in the same place, thanks to the **Smart Card Web Server (SCWS) technology**

This training course will allow you to understand how the solutions can be developed & implemented.



## At the end of the training you will

- > Have an overview on SCWS Servlet development
- > Have an introduction on how to design, load, test & debug Servlets in the SCWS card

## Who should attend

- > Development staff
- > Technical Experts

### Pre-requisites:

- > SIM Card Basics
- > Java Card Toolkit Development experience
- > SCWS basics. Recommended to follow "Understanding SCWS Technology" course

This course is held in English

## Key topics

- > SCWS Servlets
- > OMA, ETSI Standards
- > Servlet customisation
- > Development techniques

# Course Schedule



Day 1	Practice
<p><b>Introduction</b></p> <ul style="list-style-type: none"> <li>&gt; What is a servlet?</li> </ul> <p><b>Servlet presentation</b></p> <ul style="list-style-type: none"> <li>&gt; Different types of servlets: Content Providing Applications or Interception servlets</li> <li>&gt; Servlet mapping</li> <li>&gt; API introduction</li> </ul> <p><b>Mapping &amp; Registering of Servlets</b></p> <ul style="list-style-type: none"> <li>&gt; Gemalto API</li> <li>&gt; ETSI API</li> </ul> <p><b>Description of Gemalto Servlet API</b></p> <ul style="list-style-type: none"> <li>&gt; Description of Classes &amp; Methods</li> <li>&gt; Example of "Hello World" Servlet</li> <li>&gt; Development Constraints</li> </ul> <p><b>Other Development possibilities</b></p> <ul style="list-style-type: none"> <li>&gt; Example of Servlet to trigger Remote session</li> <li>&gt; Gemalto Multimedia API</li> <li>&gt; ETSI Servlet API – TS 102 588, example of "Hello World" Servlet</li> </ul> <p><b>Tools overview</b></p> <ul style="list-style-type: none"> <li>&gt; Developer Suite 3.1 tool to develop, debug, load &amp; test SCWS servlets</li> </ul> <p><b>Servlet development</b></p> <ul style="list-style-type: none"> <li>&gt; How to develop a SCWS servlet</li> <li>&gt; Load and install servlet</li> <li>&gt; Test and Debug servlet</li> </ul>	<p>Develop basic servlet Load, test &amp; debug using developer suite tool</p>
Day 2	Practice
<p><b>Servlet development</b></p> <ul style="list-style-type: none"> <li>&gt; Constraints &amp; recommendations</li> </ul>	<p>Practical exercises to progressively build a complete servlet application</p>

