



Iniciativa e-Learning



Portal e-Learning

Los recursos humanos, sus conocimientos y su capacidad de evolución y adaptación a nuevas tecnologías y productos constituyen un activo fundamental de cualquier empresa tecnológica. Por lo tanto, la articulación de un Plan de Formación es esencial para su empresa y para sus empleados.

CATÁLOGO DE CURSOS WEB

- SS7 Overview
- SIGTRAN Fundamentals
- Signalware Overview
- Platform Management Processes
- Node Management Processes
- Distributed Signalware Configuration
- Foundation Toolkit
- Client Support Processes
- SIP Application Development

Sin embargo, la formación mediante cursos presenciales requiere una organización planificada con el fin de poner en sintonía a profesores/tutores, alumnos, material y aulas. Algo que no resulta nada sencillo... Potenciar por tanto la autoformación mediante tecnologías e-Learning es una alternativa cómoda y eficiente.

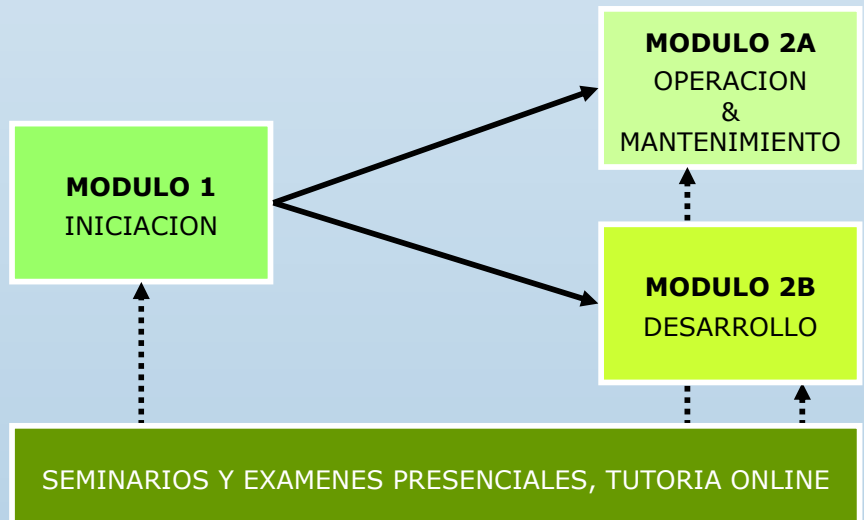
Por lo anterior, Mántica y Ulticom ofrecen a sus clientes un entorno de autoformación e-Learning que dará respuesta a sus necesidades de formación en protocolos de señalización y en el producto Signalware de Ulticom.

Programas de Certificación

Los cursos web están organizados en tres módulos y orientados a dos tipos de certificaciones, una dirigida a perfiles de ingeniería y otra a perfiles de desarrollo.

La formación a través del Portal e-Learning se complementa con tutorías online y seminarios presenciales adaptados a las necesidades particulares de cada cliente.

Los exámenes de certificación son presenciales.



Visite www.mantica-solutions.com o contacte con su representante comercial

López de Hoyos, 35-1º
28002 MADRID
Tel.: (+34) 91 123 456
Fax: (+34) 91 123 456
e-mail: info@mantica-solutions.com

Patrocinado por **Ulticom**

MODULO 1 – INICIACIÓN

SS7 Overview

Introductory-level understanding of SS7 telecommunication standards, including SS7 architecture, protocols, signaling units, and message routing.

- Introduction
- History
- Components
- Architecture
- Protocol Stack
- Signalling Units
- Link Alignment
- Inbound Messages
- Link Selection
- Message Errors
- Network Management
- SCCP Services
- TCAP Transactions
- ISUP Call Control
- Summary

SIGTRAN Fundamentals

Detailed training on the IETF SIGTRAN SS7oIP protocols: SCTP, M3UA, SUA, M2UA, and M2PA. Each protocol is discussed in detail, including key concepts, functionality, capabilities, message sets, and relationships to legacy SS7 networks.

- Introduction
- SIGTRAN Overview
- SS7oIP Components
- SCTP
- M3UA
- SUA
- M2UA
- M2PA
- Summary

Signalware Overview

Fundamentals of Uticom's Signalware SS7 product, including basic terms and concepts associated with the Signalware platform, and its operation, architecture, and distributed computing capability.

- Introduction
- Product Overview
- Development Kit
- Architecture
- Logical Nodes
- Distributed Signalware
- Summary

MODULO 2A – O&M

Node Management Processes

Detailed training on the functional responsibilities and effects of each process on logical nodes residing within the Signalware environment, including NM, In_daemon, L3MTP, SCMG, ISMG, TCMG, and MEAS.

- Introduction
- Category Overview
- Logical Node Management
- Node Manager
- Router Management
- SS7 Measurements
- Summary

Distributed Signalware Configuration

In-depth coverage of hardware, processes, files, and configuration required for a properly functioning distributed Signalware environment, including various tools and techniques for identifying distributed Signalware configuration errors and solutions.

- Introduction
- CE, LAN & SLAN Setup
- Platform Monitoring
- Inter-CE Communication
- Distributed File System
- Summary

Platform Management Processes

Detailed training on functional responsibilities and effects of each process within Signalware platform, including PM, PORTMON, and port_daemon.

- Introduction
- Category Overview
- Platform Manager
- Port Daemon
- Port Monitor
- Summary

MODULO 2B - DESARROLLO

Foundation Toolkit

Detailed training on Signalware's core Foundation Toolkit Processes, including functional responsibilities and effects of each process within the Signalware platform, specifically POP, PUP, WATCH, DLY, SIG, GOFER, LOG, PEVT, and MON.

- Introduction
- Category Overview
- Process Management
- IPC Support
- Information Support
- Summary

Client Support Processes

Detailed training on Signalware's Client Support Processes, including the functional responsibilities and effects of each process such as TAP and OOS, in a distributed Signalware platform.

- Introduction
- Category Overview
- TAP
- OOS
- Summary