

Overview

This class is designed to provide in depth training in the use and implementation of the tools used to customize the SOMAX System.

The goal of this class is to show Information Technology (IT) professionals how to customize the SOMAX Professional system.

Audience

This class is designed for IT professionals with in depth knowledge of SOMAX as well as familiarity with standard programming techniques.

Monday

Coffee and Donuts 8:15 – 08:30

Session 1 8:30 – 10:15

SOMAX Installation

Review if there are any questions about Auto-Update, Server Operation, etc.

System Record and System Defaults

What is stored in the System Record, how and why change.

What is stored in the System Defaults, how and why change.

Module Access Control

What is the Module Access Control Table?

Should I change it and if so how?

Tracking Down Problems

What to check when you are having problems

Reports and Information to review

Contacting SOMAX Support

Session Goals: Understand System Record and impact of changes
 Understand System Defaults and impact of changes
 Understand Module Access Control system and impact of changes
 Methodology for tracking problems with SOMAX

Session 2 10:30 – 12:00

Data Dictionary - Data Dependant Lookup and Validation

Describe use and implementation

Set up a data dependent lookup

Session Goals: Understand data dependent lookups and validation.
 Able to add new or modify current data dependencies

Lunch..... 12:00 – 1:00

Session 3 1:00 – 3:00

Data Dictionary - Lookup Features

Filtered lookup

Scoped lookup

Functional lookup

External table lookup (DBF)

Session Goals: Understand the different lookup types (filtered, scoped, functional, external)
 Know where SOMAX uses the different lookup types
 Able to add new or modify current lookups

Session 4 3:15 – 5:00

Data Dictionary – Validation and Key Order

Explanation of Data Dictionary Validation

Explanation of Validation Code blocks

Using provided Methods and Functions for validation

Adding and Using Custom Functions

Changing and Manipulating Key Order

Session Goals: Understand code blocks used for data dictionary validation
 Able to use available methods / functions to implement validation
 Able to code simple functions for validation
 Able to modify the key order and new record requirements
 Know how to document changes for future upgrade purposes

Tuesday

Coffee and Donuts 8:15 – 08:30

Session 1 8:30 – 10:00

Introduction to SOMAX Style Object Oriented Programming (OOP)

- Classes

- Objects

- Class Hierarchy and Inheritance and the concepts of SELF and SUPER

- Encapsulation, Inheritance, Polymorphism

- Methods and functions

- Extending and / or over-riding standard methods

Session Goals: Understand OOP principles (encapsulation, inheritance, polymorphism)
Understand Event Driven Operation
Understand Classes, Objects and Instances
Install Visual Objects and upgrade to the current version

Session 2 10:00 – 12:00

SOMAX Software Development Kit (SDK)

- What is the SDK

- What is included in the SDK

- Installation of Visual Objects

- Upgrade to current version

Lunch..... 12:00 – 1:00

Session 3 1:00 – 5:00

SOMAX Software Development Kit (SDK) - Continued

- How to install the SDK

- SOMAX Classes

- SOMAX Class Hierarchy

- How to use the SOMAX SDK

Session Goals: Able to install the SOMAX SDK
Able to set up a “test” environment
Able to make simple window changes
Able to compile and create a new SOMAX executable file
Know what pieces of the SOMAX system are modifiable and what are not
Know the SOMAX Class structure and where changes can be made

Wednesday

Coffee and Donuts 8:15 – 08:30

Session 1 8:30 – 12:00

Introduction to customizing SOMAX

- Rules and Suggested Documentation
- Using the SDK to modify standard SOMAX class behavior
- Using the SDK to make additions to existing class behavior
- Exporting (backing up) customizations
- SOMAX Auto-Update

Session Goals: Know rules for customizing SOMAX
Know how to use the SDK to make window changes
Know how to provide customizations to your user base
Install Visual Objects and upgrade to the current version

Lunch..... 12:00 – 1:00

Session 2 1:00 – 5:00

SOMAX Updates

- How to perform a SOMAX release update
- Reading and digesting the SOMAX Release Log
- Making data table changes
- Exporting and Re-Importing client customizations
- Testing
- Distribution of new release to users
 - SOMAX Auto-Update
 - Microsoft Software Management System (SMS)
 - Novell Application Launcher

Session Goals: Know how to perform a SOMAX Release Update
Understand the SOMAX Release Log
Understand and know how to use the SOMAX Auto-Update feature

Thursday

Coffee and Donuts 8:15 – 08:30

Session 1 8:30 – 12:00

Adding Custom Modules to the SOMAX System
Rules and requirements
Step by Step Instructions

Session Goals: Know rules for Adding a custom module
Know how to a custom module

Lunch..... 12:00 – 1:00

Session 2 1:00 – 5:00

Adding a Custom Modules to the SOMAX System – Continued
Step by Step Instructions

Session Goals: Know rules for Adding a custom module
Know how to a custom module

Friday

Coffee and Donuts 8:15 – 08:30

Session 1 8:30 – 12:00

Adding a Custom Modules to the SOMAX System

- Rules and requirements
- Step by Step Instructions

Session Goals: Know rules for Adding a custom module
Know how to a custom module

Lunch..... 12:00 – 1:00

Session 2 1:00 – 5:00

Open Discussion – Questions

Session Goals: Clear up any outstanding questions
Perform some class inspired exercises