

Course Outline – SDK Security Center Workshop

SDK Security Center Training Workshop	
Code	SC-SDK-001-
Duration	3 days
Target audience	Developers
Prerequisites	Security Center Certification Knowledge in C#.Net programming WPF Knowledge (bonus)
Objectives	<p><u>Upon completion of this course the participant will be able to:</u></p> <ul style="list-style-type: none">• Install Security Center SDK and web SDK• Understand SDK certificate process• Registering Security Desk Sdk solutions• Query the system on entities• Retrieve/play Security Center video• Create/trigger event and alarms• Creating / Manipulating Security Center Entities• Create Security Center Custom tasks• Create Security Center Tile Plugin• Create Security Center Macro• Create Widget in Security Center• Create Config Page in Config Tool• Create Tile View in Security Center• Create Context menus on Security Center Entities• Create Option Page in Security Center

Topic	Description
Module 1 : Introduction	<ul style="list-style-type: none"> • Intro to Genetec & Security Center • Overview of the SDK • What can be done through SDK? • Certificates • Installation of SDK and Samples
Module 2 : Macros	<ul style="list-style-type: none"> • What is a Macro? • How to use the Macro Studio • Examples • Set up environment to create and test macros • Development of an event launcher • Development of Macro that PTZ control a camera
Module 3 : Custom External Application	<ul style="list-style-type: none"> • Development of Simple Access control application • Development of a Simple Video Viewer • Query Entities and Configuration • Trigger Alarms / Events • Listening to events
Module 4 : Tile Plugin	<ul style="list-style-type: none"> • Create a Tile Plugin • Update a Tile Plugin • Custom events and alarms trigger video in map
Module 5 : Security Desk Sdk	<ul style="list-style-type: none"> • Create a custom Task • Registering a custom Task • Certificates with Security Desk • Create notification • Create a service and communicate with it • Create a custom Tile View • Create an option page • Create a menu extension • Create a Tile Widget
Module 6: Config Tool Sdk	<ul style="list-style-type: none"> • Create a custom property page on an Entity
Module 7 : Web SDK	<ul style="list-style-type: none"> • Create a solution which gets data through web requests