Course Outline

Security Center System Upgrade and Migration	
Code	SC-SUM-001 (5.x)
Level	Advanced
Duration	~30 min of online videos and 1 day in the classroom
Target audience	Technicians, Administrators, and IT Professionals
Prerequisites	Prior enrollment at least three months after completing the Genetec advanced technical certification SC-ETC-001 (5.x)
Objectives	Upon successful completion of this course, the participant will be able to: • Identify and access the Security Center upgrade documentation • Gain a comprehensive understanding of the necessary prerequisites for a Security Center upgrade • Perform a Security Center upgrade in two steps to maintain backward compatibility • Perform a Security Center database upgrade • Configure the Genetec Update Service (GUS) • Perform a migration of Security Center roles in a multi-server and highly available environment

Certification	Certification is done in 2 parts:
	
	• Open book, multiple choice assessment test on Module 1 pre-requisite videos – 20%
	  ➤ 10 questions, 45 minutes
	  ➤ This test should be taken before the class. It _must_ be done first and _completed_ to acquire certification
	• Hands-on practical exercises on Modules 2, 3, 4, and 5 – 80%
	  ➤ Students are asked to apply specific configurations to their own systems based on practical exercises presented during class
	  ➤ These configurations must be completed during the course day
	
	Passing grade: 80%

Day	Topic	Description
Day 1 (09:00-17:00)	**Module 1:** (3 videos, ~30 minutes of **online** video pre-requisite) May be viewed on the Genetec University website	• Why upgrade Security Center? • Product lifecycle • Security Center release types • Security Center CD and LTS release tracks • Technical upgrade documentation resources • Backward compatibility • Upgrade license requirements
	Module 2: *Security Center Upgrade* (2 hours)	• Role database backup • Upgrade sequence • Upgrade installation wizard • Genetec Server service • Genetec Server licensing upgrade
	Module 3: *SQL Server Upgrade* (1 hour)	• SQL upgrade considerations • Database in-place upgrade steps • Database test restore • Shrinking Security Center databases • SQL Server upgrade wizard • SQL Server Management Studio upgrade
	Module 4: *Genetec Update Service (GUS)* (1 hour)	• GUS architecture • Standalone mode • Peer to Peer mode • Proxy mode • Configuring the GUS
	Module 5: *Security Center Migration* (3 hours)	• Migration of Security Center roles • Archiver role • Roles with no database • Roles with local database • Directory with no failover • Directory with failover: back up & restore