

Course Outline



| Security Center: Enterprise Technical Certification | |
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| Code | SC-ETC-001 (5.8) |
| Level | Advanced |
| Duration | 2 days |
| Target audience | Technicians, Administrators, and IT Professionals |
| Prerequisites | SC-OTC-001 (5.6 - 5.8) or SC-STC-001 (5.6 - 5.8) |
| Objectives | <p><u>Upon successful completion of this course the participant will be able to:</u></p> <ul style="list-style-type: none">• Install and configure basic Security Center features in a multi-server / multi-site environment• Understand the Directory's secure communication (TLS)• Understand/configure Archiver encryption• Configure Genetec server roles for high availability/failover• Install and configure an Omnicast federation and/or Security Center Federation• Understand Security Center's cloud options• Understand the available Security Center plugins for external systems' integrations• Understand and configure the available Security Center expansion options like GSC Mobile, Web Client, and Plan Manager• Design a new Security Center video management system• Design a new Security Center access control system |
| Certification | An open-book, practical exam will be given at the end of this course. |

| Topic | Description |
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| Module 1: <i>Multi-Site Architectures</i> (2 hours) | <ul style="list-style-type: none"> • Multi-server, multi-site architecture • Installing expansion servers • Assigning roles to expansion servers • Network View Task • Video Redirection • Media Router and Redirectors • Routes |
| Module 2: <i>System security</i> (2 hour) | <ul style="list-style-type: none"> • Security Model • Directory authentication • Archiver encryption • Cybersecurity • GUS in the Config Tool |
| Module 3: <i>High Availability</i> (3 hours) | <ul style="list-style-type: none"> • Failover options • Basic role failover • Failover with DB • Remote database connections • Archiver failover • Auxiliary Archiving • Directory failover |
| Module 4: <i>The Cloud</i> (1 hour) | <ul style="list-style-type: none"> • Cloud Archiving • Stratocast • Federation as a Service • AutoVu Managed Services |
| Module 5: <i>Federation & Global Cardholders</i> (2 hours) | <ul style="list-style-type: none"> • About Federations • Federation role • Remote federation configuration • Global Cardholder Synchronizer |
| Module 6: <i>Expansion & Customization</i> (3 hours) | <ul style="list-style-type: none"> • External systems' integrations (Plugins) • GSC Mobile • Web Client • Plan Manager |
| Module 7: <i>System Design Guidelines</i> (1 hour) | <ul style="list-style-type: none"> • Documentation • Information Gathering • Server Performance and Limitations • Video Considerations • Access Control Considerations • Licensing |
| SC-ETC-001 Exam (2 hours) | <ul style="list-style-type: none"> • Open Book / Practical Exam • Passing grade: 80% • 2 hour |