ALTITUDE UNIVERSITY

Altitude University provides the knowledge and experience to improve contact center performance and offer great customer experience. The offered training courses and certification paths teach contact center employees how to fully understand and master Altitude solutions, enabling companies to optimize operations, improve customer satisfaction and increase profits.

Training delivery

Altitude University offers a variety of training courses, which are delivered at Altitude Software facilities, in virtual classrooms, or e-learning through the Altitude University Knowledge Hub. Virtual classrooms rely on cloud-based training environments and allow students to remotely attend the training courses. On-demand courses can also be provided at the customer’s facilities.
Who can apply for training

Our training approach, the delivery options, and the extensive offer of courses ensure that our provided training meets the needs of all professionals, regardless of their role at the contact center:

- Agents
- Team leaders
- Supervisors
- Operational administrators
- System administrators
- Technical support
- Developers
- Pre-sales

Trainers

Our training consultants are selected from our most qualified staff. They combine their knowledge of Altitude solutions with their experience working on customer sites to deliver a high-quality training experience to Altitude University students.

Certification

Altitude Certified Professional (ACP) is Altitude’s official certification program that recognizes and validates the expertise and skills of professionals in the use of Altitude solutions. The ACP program offers the following different certification paths:

For more information on certification, please consult the Altitude University Knowledge Hub.
TRAINING CATALOG

Altitude University courses are designed to fit the different profiles of contact center professionals.

The following tables summarize Altitude University’s course catalog and give an overview of the requirements for each course.

Base courses

For professionals who are starting to use Altitude solutions.

<table>
<thead>
<tr>
<th>Course</th>
<th>Course name</th>
<th>Training hours</th>
<th>Required courses</th>
<th>Aimed at…</th>
</tr>
</thead>
<tbody>
<tr>
<td>C811</td>
<td>Contact Center Team Leader</td>
<td>18 hours</td>
<td>-</td>
<td>Team leaders that manage agent work and monitor campaign performance.</td>
</tr>
<tr>
<td>C820</td>
<td>Contact Center Management</td>
<td>30 hours</td>
<td>-</td>
<td>Supervisors and operational administrators that configure and manage the contact center.</td>
</tr>
<tr>
<td>C825</td>
<td>System Administration</td>
<td>12 hours</td>
<td>C820</td>
<td>System administrators that install and maintain servers and desktops.</td>
</tr>
<tr>
<td>C831</td>
<td>Agent Scripting</td>
<td>30 hours</td>
<td>C820</td>
<td>All developers.</td>
</tr>
<tr>
<td>C832</td>
<td>Automated Scripting</td>
<td>18 hours</td>
<td>C820, C831</td>
<td>Developers that create IVR and routing scripts.</td>
</tr>
<tr>
<td>C833</td>
<td>Workflow</td>
<td>6 hours</td>
<td>C820, C831</td>
<td>Developers that create workflow scripts.</td>
</tr>
</tbody>
</table>

Delta training courses

For professionals who use a previous version of Altitude solutions.

<table>
<thead>
<tr>
<th>Course</th>
<th>Course name</th>
<th>Training hours</th>
<th>Required courses</th>
<th>Aimed at…</th>
</tr>
</thead>
<tbody>
<tr>
<td>C841</td>
<td>Delta Training</td>
<td>30 hours</td>
<td>-</td>
<td>Supervisors, operational administrators, and developers who already have experience from previous versions of Altitude solutions.</td>
</tr>
</tbody>
</table>
Advanced courses

Advanced courses meet specific training needs.

<table>
<thead>
<tr>
<th>Course</th>
<th>Course name</th>
<th>Training hours</th>
<th>Required courses</th>
<th>Aimed at...</th>
</tr>
</thead>
<tbody>
<tr>
<td>C801</td>
<td>Altitude Pre-Sales</td>
<td>18 hours</td>
<td>C820</td>
<td>Sales and pre-sales teams.</td>
</tr>
<tr>
<td>C851</td>
<td>Advanced Reporting</td>
<td>12 hours</td>
<td>C820</td>
<td>Supervisors and operational administrators that need to create complex reports.</td>
</tr>
<tr>
<td>C852</td>
<td>Altitude Enterprise Recording End Users</td>
<td>10 hours</td>
<td>-</td>
<td>Supervisors and operational administrators that need to configure and maintain Altitude Enterprise Recording.</td>
</tr>
<tr>
<td>C853</td>
<td>Altitude vBox and Communication Server</td>
<td>18 hours</td>
<td>C825</td>
<td>System administrators that need to install and configure Altitude vBox and Communication Server.</td>
</tr>
</tbody>
</table>

Soon to be launched

<table>
<thead>
<tr>
<th>Course</th>
<th>Course name</th>
<th>Required courses</th>
<th>Aimed at...</th>
</tr>
</thead>
<tbody>
<tr>
<td>OC810</td>
<td>Altitude uCI Server L1 and L2 Technical Support (e-learning)</td>
<td>C820, C825</td>
<td>Technical Support engineers that handle Level 1 and Level 2 tickets.</td>
</tr>
</tbody>
</table>
TRAINING FOR CONTACT CENTER PROFESSIONALS

Altitude University’s training approach and the wide range of delivery options ensure that, regardless of the employee’s role at the contact center, Altitude has the right course options.
Training for professionals from operations

The operations courses are suited for contact center professionals that manage contact center teams and campaigns. Team leaders and supervisors learn how to coach agents and manage campaigns. Operational administrators are taught how to create and configure contact center entities.

Training for system administrators

System administrator courses teach how to install and update contact center servers and agent desktops, perform maintenance tasks, and configure the technical infrastructure of the contact center.
Training for developers

The developer courses teach professionals how to use Altitude Scripting Studio and Altitude Scripting Language to implement complex flows that allow agents to handle omnichannel interactions with customers. Developers also learn how to define workflows and automate business processes.

Training for technical support engineers

The technical support courses teach technical support engineers how to support contact centers by handling common technical questions and diagnosing and troubleshooting L1 and L2 technical problems.

Training for pre-sales

The pre-sales courses teach professionals how to present and demonstrate Altitude solutions to prospects and how to manage the sales process by responding to RFP’s. The courses also show how to design contact center solutions, from licensing up to the solution’s architecture.
ALTITUDE UNIVERSITY COURSES

C811 – Contact Center Team Leader

The Altitude Team Leader course focuses on the people who are the closest to contact center agents – team leaders. The course provides the necessary tools and knowledge to excel in daily activities of monitoring, supporting, and guiding agents.

At the end of the course, students will be able to:

- Use Altitude solutions to improve contact center operations.
- Create user profiles for specific contact center tasks.
- Use Altitude Agent Desktop to handle interactions and workflow tasks.
- Monitor agents, teams, campaigns, and contact lists.
- Use floor plans and alarms to view and solve problems.
- Send messages to agents.

PREREQUISITES

Knowledge of the Windows Desktop environment and its applications at a user level.

COURSE CONTENTS

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>9h00-12h30</td>
<td>• Architecture Overview</td>
<td>• uSupervisor</td>
<td>• Contact lists</td>
</tr>
<tr>
<td></td>
<td>• Agent work</td>
<td>• Staff and run campaigns</td>
<td>• Monitoring contact lists</td>
</tr>
<tr>
<td></td>
<td>• Instant messaging</td>
<td>• Floor plans</td>
<td>• Reports</td>
</tr>
<tr>
<td>14h00-17h00</td>
<td>• Agent email</td>
<td>• Coaching and quality</td>
<td>• Knowledge base</td>
</tr>
<tr>
<td></td>
<td>• Agent workflow tasks</td>
<td>• Inbound monitoring</td>
<td>• Home pages</td>
</tr>
<tr>
<td></td>
<td>• Inbound agent telephony</td>
<td>• Outbound monitoring</td>
<td>• Campaign data</td>
</tr>
<tr>
<td></td>
<td>• Outbound calls</td>
<td>• Work monitoring</td>
<td>• Questions and answers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Agent work indicators</td>
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</tbody>
</table>
C820 - Contact Center Management

The Contact Center Management course teaches students how to define agent profiles and set team leader access permissions, create and interpret reports, and understand and configure more advanced contact center scenarios.

At the end of the course, students will be able to:

- Use Altitude solutions to improve contact center operations.
- Create user profiles for specific contact center tasks.
- Use Altitude Agent Desktop to handle interactions and workflow tasks.
- Create agent accounts and assign permissions.
- Create, configure, and manage campaigns for all types of media.
- Configure the Universal Queue.
- Create customized monitoring tools such as key performance indicators and reports.

PREREQUISITES

Knowledge of the Windows Desktop environment and its applications at a user level.
## COURSE CONTENTS

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>9h00-12h30</td>
<td>• Architecture Overview</td>
<td>• uSupervisor</td>
<td>• Contact lists</td>
<td>• Outbound telephony for campaigns</td>
<td>• Audits and permissions</td>
</tr>
<tr>
<td></td>
<td>• Agent work</td>
<td>• Staff and run campaigns</td>
<td>• Monitoring contact lists</td>
<td>• Inbound telephony for campaigns</td>
<td>• Key performance indicators</td>
</tr>
<tr>
<td></td>
<td>• Instant messaging</td>
<td>• Floor plans</td>
<td>• Reports</td>
<td>• Email for campaigns</td>
<td>• Leaderboards</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Instant messaging for campaigns</td>
<td>and campaign performance</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14h00-17h00</td>
<td>• Agent email</td>
<td>• Coaching and quality</td>
<td>• Knowledge base</td>
<td>• Universal queue</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Agent workflow tasks</td>
<td>• Inbound monitoring</td>
<td>• Home pages</td>
<td>• Outbound rules and resubmit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Inbound agent telephony</td>
<td>• Outbound monitoring</td>
<td>• Campaign data</td>
<td>• Supervisors</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Outbound calls</td>
<td>• Work monitoring</td>
<td>• Agent campaigns</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• Agent work indicators</td>
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</tbody>
</table>

• Audits and permissions  
• Key performance indicators  
• Leaderboards and campaign performance  

• Outbound strategy  
• Report templates  
• Complex reports  
• Questions and answers
C825 - System Administration

The System Administration course teaches students how to install system components from scratch, perform bulk data operations, and do basic troubleshooting.

At the end of the course, students will be able to:

- Install Altitude solutions components and media gateways.
- Install agent desktop applications.
- Maintain and finetune the system.
- Load and export contact information.
- Manage databases.
- Identify logs and traces and solve common problems at the contact center.
- Update the server and desktop components of Altitude solutions.

PREREQUISITES

- Course:
  - C820 - Contact Center Management.
- Knowledge of:
  - Windows Desktop environment and applications at an admin/IT level.
  - Client/server applications and TCP/IP networks.
  - Windows Server environment at an Admin/IT level.
  - Relational database concepts and SQL.
  - Contact center architecture.

COURSE CONTENTS

<table>
<thead>
<tr>
<th>C825</th>
<th>Schedule</th>
<th>Day 1</th>
<th>Day 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9h00-12h30</td>
<td>* Architecture</td>
<td>* Altitude uCl Server processes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* Altitude uCl Server install</td>
<td>* Tuning and performance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* uSupervisor install</td>
<td>* Bulk data operations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* uAgent Windows install</td>
<td>* Delete data</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* uAgent Web install</td>
<td>* Maintenance tasks</td>
</tr>
<tr>
<td></td>
<td>14h00-17h00</td>
<td>* Media gateways</td>
<td>* Meeting Point</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* Script deployment</td>
<td>* Logs and traces</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* Automated Agents install</td>
<td>* Update</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* Workflow deployment</td>
<td>* Advanced install</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>* Questions and answers</td>
</tr>
</tbody>
</table>
C831 - Agent Scripting

The Agent Scripting course teaches students the Altitude Scripting Language and how to use the Altitude Scripting Studio. Students learn to develop advanced agent business applications, build simple and complex flows and integrate in the script external applications or modules, such as DLLs. Students test the applications at the development workstation or connect to the server for a full integration.

At the end of the course, students will be able to:

- Transfer previous programming knowledge to Altitude Scripting Language.
- Use Altitude Scripting Language elements.
- Use the visual flow editor to design multiple node scripts.
- Use graphical input elements.
- Validate user input and create dynamic interfaces.
- Configure and generate business outcomes.
- Deploy agent scripts into production environments.
- Access SQL databases.
- Use modules and events.
- Access external programs and DLLs.

PREREQUISITES

- Course:
  - C820 - Contact Center Management.
- Knowledge of:
  - Windows Desktop environment and applications at an admin/IT Level.
  - Windows Server environment at an admin/IT level.
  - Client/server applications and TCP/IP Networks.
  - Relational database concepts and SQL.
  - Contact center architecture.
  - Programming languages, such as C, C++, C# or Java.
# COURSE CONTENTS

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>9h00-12h30</td>
<td>• Hello world</td>
<td>• Dynamic interfaces</td>
<td>• Getting help and telephony events</td>
<td>• Email editor</td>
<td>• SQL database</td>
</tr>
<tr>
<td></td>
<td>• Basic script</td>
<td>• Images and changing colors</td>
<td>• Send and receive data</td>
<td>• Inbound email in uAgent</td>
<td>• Advanced contact profiles</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Tables and system cursors</td>
<td></td>
<td></td>
<td>• Nodes with parameters, multiple windows</td>
</tr>
<tr>
<td>14h00-17h00</td>
<td>• Contact data and errors</td>
<td>• Activity outcomes</td>
<td>• Errors in telephony actions</td>
<td>• Inbound instant messaging (extra)</td>
<td>• Modules</td>
</tr>
<tr>
<td></td>
<td>• Graphical elements</td>
<td>• Business customization</td>
<td>• Outbound contacts</td>
<td>• Advanced instant messaging (extra)</td>
<td>• External Windows DLLs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Deploy and run a script in uAgent</td>
<td>• Predictive dial</td>
<td></td>
<td>• Advanced DLL topics (extra)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>• Questions and answers</td>
</tr>
</tbody>
</table>
C832 - Automated Scripting

The Automated Scripting course teaches how to use the Altitude Scripting Studio to build complex IVR and routing scripts. Students will also learn to automate and optimize the business processes of the contact center.

At the end of the course, students will be able to:

- Optimize contact center processes using IVR and routing scripts.
- Combine IVR and routing scripts with agent scripts.
- Design the flow of data in IVR and routing campaigns.
- Build advanced IVR and routing applications that automatically fetch data and optimize the work of human agents.
- Deploy IVR and routing campaigns.

PREREQUISITES

- Courses:
  o C820 - Contact Center Management.
  o C831 - Agent Scripting.
- Knowledge of:
  o Windows Desktop environment and applications at an admin/IT Level.
  o Windows Server environment at an admin/IT level.
  o Client/server applications and TCP/IP Networks.
  o Relational database concepts and SQL.
  o Contact center architecture.
  o Programming languages, such as C, C++, C# or Java.

COURSE CONTENTS

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>9h00-12h30</td>
<td>• IVR scripts</td>
<td>• IVR menus and enqueue</td>
<td>• Routing scripts</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Advanced routing scripts</td>
</tr>
<tr>
<td>14h00-17h00</td>
<td>• Get digits and blind transfer</td>
<td>• Record</td>
<td>• Multimedia routing</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Questions and answers</td>
</tr>
</tbody>
</table>
C833 - Workflow

The Workflow course teaches students how to use the Altitude Scripting Studio to build complex workflows with integrated back-office activities. Students also learn how to test, deploy, and maintain workflows without impacting the running workflow processes.

At the end of the course, students will be able to:

- Optimize contact center processes using workflows.
- Integrate existing contact center scripts in workflows.
- Design the flow of data in workflows.
- Build complex workflows with multiple paths of execution and tasks running in parallel.
- Deploy workflows.

PREREQUISITES

- Courses:
  - C820 - Contact Center Management.
  - C831 - Agent Scripting.
- Knowledge of:
  - Windows Desktop environment and applications at an admin/IT Level.
  - Windows Server environment at an admin/IT level.
  - Client/server applications and TCP/IP Networks.
  - Relational database concepts and SQL.
  - Contact center architecture.
  - Programming languages, such as C, C++, C#, or Java.

COURSE CONTENTS

<table>
<thead>
<tr>
<th>C833</th>
<th>Schedule</th>
<th>Day 1</th>
</tr>
</thead>
</table>
|      | 9h00-12h30 | • Sequential agent workflows  
|      |           | • Workflow task scripts and transition points |
|      | 14h00-17h00 | • Contacts in agent workflows  
|      |           | • Parallel agent workflows |
C841 - Delta Training

The Delta Training course teaches the current version of the Altitude solution to students who already have experience from previous versions of Altitude solutions.

At the end of the course, students will be able to:

- Create, configure, and manage campaigns for all types of media.
- Configure the Universal Queue.
- Create customized monitoring tools such as key performance indicators and reports.
- Add instant messaging channel to contact center operations.
- Handle instant messages using an agent script.
- Understand the major changes of Altitude Scripting Language.

PREREQUISITES

- Knowledge of:
  - Previous versions of Altitude solutions.
  - Windows Desktop environment and applications at an admin/IT level.
  - Client/server applications and TCP/IP networks.
  - Windows Server environment at an admin/IT level.
  - Relational database concepts and SQL.
  - Contact center architecture.
## COURSE CONTENTS

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>9h00-12h30</td>
<td>• Architecture Overview • Agent work • uSupervisor</td>
<td>• Campaign data • Agent campaigns</td>
<td>• Universal queue • Outbound rules and resubmit • Supervisors</td>
<td>• Leaderboards and campaign performance • Outbound strategy</td>
<td>• Data types • Predefined and built-in functions • Contact profile and contact concepts • Connect to the Altitude uCI Server • System cursors</td>
</tr>
<tr>
<td>14h00-17h00</td>
<td>• Floor plans • Coaching and quality • Knowledge base • Home pages</td>
<td>• Outbound telephony for campaigns • Inbound telephony for campaigns • Email for campaigns • Instant messaging for campaigns</td>
<td>• Audits and permissions • Key performance indicators</td>
<td>• Report templates • Complex reports</td>
<td>• Activity outcomes • Business status • Transfer data • Instant messaging • IVR - email routing • Questions and answers</td>
</tr>
</tbody>
</table>
C851 - Advanced Reporting

The Advanced Reporting course teaches how to generate reports and create advanced templates using Altitude Management Portal. Students also learn how to customize the view of the report output using Microsoft Excel.

At the end of the course, students will be able to:

- Generate, schedule, and publish reports.
- Use the report explorer.
- Browse the built-in report templates.
- Create report templates.
- Add data sources to a report template.
- Create data sources with business data.
- Include KPIs in the reports.
- Customize the view of the report output using Microsoft Excel.

PREREQUISITES

- Course:
  - C820 - Contact Center Management.
- Knowledge of:
  - Windows Desktop environment and applications at a user level.
  - Relational database concepts and SQL.
  - Microsoft Excel.
COURSE CONTENTS

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Day 1</th>
<th>Day 2</th>
</tr>
</thead>
</table>
| 9h00-12h30 | • Reporting basic concepts  
• Built-in report templates  
• Generate a report  
• Schedule a report  
• Publish a report  
• Report maintenance | • Advanced data sources  
• Custom business information  
• Cubes with business dimensions  
• Key performance indicators (KPIs) |
| 14h00-17h00| • Report template concepts - data sources and dimensions  
• Report template concepts - indicators and filters  
• Create a basic report template  
• Add an extra data source  
• Report templates and aggregation functions | • Edit the Excel report model  
• Advanced Excel report models  
• Sample Report  
• Q&A |
C852 - Altitude Enterprise Recording End Users

The Altitude Enterprise Recording End Users course teaches students how to configure, maintain, and generate reports with Altitude Enterprise Recording. The course is delivered remotely by an English-speaking Altitude Enterprise Recording specialist.

The course contains the following training modules:

System Administration
Students will learn how to perform routine system administration tasks, such as managing users and configuring customer settings.

Supervisory
Students will learn how to use Retrieval to search for and play interactions and how to export interactions using various methods. The course also teaches how to create reports and how to access and modify existing dashboards.

Evaluation
Students will learn how to create and use grading forms and how to create and schedule reports about the graded interactions. When possible, the instructor will use the customer’s own paper or digital grading forms as a template to create new forms.

Analytics
Students will learn how analytic tools, such as Box Plots, Control Charts and State Indicators, can be used to monitor KPIs.

At the end of the course, students will be able to:

- Manage Altitude Enterprise Recording users.
- Search and play recordings.
- Export recordings.
- Create reports using Retrieval.
- Access and modify existing dashboards.
- Use Box Plots, Control Charts, and State Indicators to monitor Altitude Enterprise Recording KPIs.
- Create and use grading forms.
- Create and schedule reports about the graded interactions.
SOFTWARE REQUIREMENTS

- Altitude Enterprise Recording needs to be installed in the contact center.
- GoToMeeting or a different online meeting tool needs to be installed on the workstations of the students.
- One of the students needs to have shortcuts to Altitude Enterprise Recording. The trainer will use this student’s workstation to provide the training.

PREREQUISITES

Knowledge of Windows Desktop environment and applications at a user level.

COURSE CONTENTS

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Modules</th>
<th>Contents</th>
</tr>
</thead>
</table>
| Day 1    | System Administration (2 hours) | • Manage Overview  
• Adding Users  
• Setting Permissions  
• Configuring Flags  
• Define Attachments  
• Screen Capture settings |
|          | Supervisory (3 hours) | • Interface Overview  
• Call Retrieval  
• Playback Controls  
• Timeline Icons  
• Search & Playback Interactions  
• Advanced Retrieval Functions  
• Dashboard Overview  
• Creating Reports  
• Saving Reports  
• Scheduling Reports  
• Screen Capture functionality |
| Day 2    | Analytics (2 hours) | • Advanced Reporting/Dashboard Training |
|          | Evaluation (3 hours) | • Agent Evaluator  
• Creating Grade Forms  
• Random Sampling  
• Saving and Scheduling Grade Reports |
C853 - Altitude vBox and Communication Server

The Altitude vBox and Communication Server course teaches students how to install and configure Altitude vBox and how to integrate with the Communication Server.

At the end of the course, students will be able to:

- Install Altitude vBox and configure trunks, extensions, and other devices.
- Configure telephony gateways and agent campaigns for inbound and outbound, including predictive calls.
- Install the Communication Server and configure trunks, hunt groups, and IVR extensions.
- Configure telephony gateways and automated campaigns for IVR functionality.
- Install, use, and maintain Altitude Recorder.

PREREQUISITES

- Courses:  
  - C820 - Contact Center Management.
- Knowledge of:  
  - Windows Desktop environment and applications at an admin/IT level.
  - Client/server applications and TCP/IP networks.
  - Windows Server environment at an admin/IT level.
  - Relational database concepts and SQL.
  - Contact center architecture.
## COURSE CONTENTS

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>9h00-12h30</td>
<td>• Computer telephony integration • vBox install • vBox with a third-party phone • vBox trunks and rules</td>
<td>• Routing campaigns with vBox • Access lines • Outbound agent campaigns with vBox • Predictive agent campaigns with vBox</td>
<td>• Inbound IVR • IVR enqueue • IVR power dial</td>
</tr>
<tr>
<td>14h00-17h00</td>
<td>• Record and upload sounds • vBox gateway and agent extensions • uAgent Softphone • Multi-switch transfer • Inbound agent campaigns with vBox</td>
<td>• Additional vBox functionality • Communication Server install • Predictive dial with Communication Server</td>
<td>• Recorder install • Record and play calls • Recorder tuning and maintenance Questions and answers • Sizing trunks (extra) • Trunks, devices, and campaign scenarios (extra) • Alcatel-Lucent OXE (extra)</td>
</tr>
</tbody>
</table>
C801 – Altitude Pre-Sales

The Altitude Pre-Sales course teaches students about the capabilities and the architecture of Altitude solutions and the licensing rules.

At the end of the course, students will be able to:

- Understand the main concepts of Altitude solutions.
- Design a contact center solution with Altitude solutions.
- Understand the licensing model.
- Use the demo system and perform presentations and product demonstrations.

PREREQUISITES

- Courses:
  - C820 - Contact Center Management.
- Knowledge about:
  - General contact center concepts, such as inbound and outbound voice interactions, instant messaging, and email.
  - Social media.
  - Server architecture concepts and basic networking.
  - The hierarchy and functions of contact center employees.

Knowledge of IVR is beneficial.

COURSE CONTENTS

<table>
<thead>
<tr>
<th>Schedule</th>
<th>C801</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>9h00-12h30</td>
<td></td>
<td>· Altitude uCI refresh</td>
<td>· Altitude uCI 8 architecture and dimensioning</td>
<td>· Live demo - CustomerCare + IVR</td>
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<tr>
<td></td>
<td></td>
<td>· Altitude uCI 8 modules and main structure</td>
<td>· Altitude uCI 8 scripting and integration</td>
<td>· Live demo - IVR</td>
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<tr>
<td></td>
<td></td>
<td>· Live demo - Introductory presentation</td>
<td>· Live demo - Interfaces and scripting</td>
<td>· Live demo - Telemarketing</td>
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<tr>
<td></td>
<td></td>
<td>· Altitude uCI 8 solution principles - part 1</td>
<td>· Altitude uCI 8 configuration and licensing</td>
<td>· Live demo - Workflow demo</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>· Practice on whole solution design</td>
<td>· Live demo - Reports</td>
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<tr>
<td></td>
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<td></td>
<td>· Training course wrap-up</td>
</tr>
<tr>
<td>14h00-17h00</td>
<td></td>
<td>· Altitude uCI 8 solution principles - part 2</td>
<td>· Live demo - Unified Media Demo</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>· Live demo - Interfaces, setup, and contents</td>
<td>· Altitude uCI 8 configuration and licensing</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>· Altitude uCI 8 design concepts</td>
<td>· Practice on whole solution design</td>
<td></td>
</tr>
</tbody>
</table>
OC810 - Altitude uCl Server L1 and L2 Technical Support

E-learning course (to be launched soon)

The Altitude Server L1 and L2 Technical Support course is an e-learning course that teaches engineers how to do Level 1 and Level 2 Technical Support.

At the end of the course, students will be able to:

- Give advice and information about the basic and advanced concepts of the Altitude server.
- Identify the internal structure and the communication flows of the Altitude server.
- Identify logs and traces for troubleshooting.
- Be autonomous in handling tickets.

PREREQUISITES

- Courses:
  - C820 - Contact Center Management.
  - C825 - System Administration.
- Knowledge of:
  - Windows Desktop or Windows Server environment and applications at an admin/IT level.
  - Client/server applications and TCP/IP Networks.
  - Relational database concepts and SQL.
  - Contact center architecture.
## COURSE CONTENTS

<table>
<thead>
<tr>
<th>Module</th>
<th>Contents</th>
</tr>
</thead>
</table>
| **1 - Altitude uCI Server Architecture** | • Process Architecture Overview  
• Process Architecture Detail: Critical and non-critical processes, Process configuration, Processes flows. |
| **2 - Altitude uCI Server Logs and Traces** | • Log Types: Log Files, Trace Files, System Events, Dump Files.  
• Trace Files: Compressed and uncompressed files.  
• Troubleshooting Profiles Config: Profiles, Trace Files and Performance issues, Dump files configuration, Performance counters, Configuration common errors.  
• Altitude uCI Server Troubleshooting: Indicators, Checklist, Tools & Tips |
| **3 - How to troubleshoot EASY.LOG and LICENSE.LOG** | • How to read EASY.LOG.  
• EASY.LOG Troubleshooting tools.  
• How to read License Server Logs. |
| **4 - How to troubleshoot PBX.LINK.LOG** | • How to read PBX.LINK.LOG.  
• PBX.LINK.LOG Troubleshooting tools. |
| **5 - How to troubleshoot SAM.LINK.LOG** | • How to read SAM.LINK.LOG.  
• SAM.LINK.LOG Troubleshooting tools. |
HOW TO REQUEST TRAINING

Contact center managers, that wish to give their contact center employees hands-on training on Altitude solutions, should contact Altitude University using one of the following options:

<table>
<thead>
<tr>
<th>Website</th>
<th><a href="http://www.altitude.com/services/training">www.altitude.com/services/training</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Email</td>
<td><a href="mailto:altitude.university@altitude.com">altitude.university@altitude.com</a></td>
</tr>
</tbody>
</table>

Alternatively, contact your Altitude account manager or your local Altitude Software office.

Altitude University will be pleased to help you define the best course program that best fits your contact center needs and staff.

Training participants and cancellation policy

Each training session has a maximum number of 10 participants. Cancellations must be made until 2 weeks before the start of the training course.
## Altitude Software offices

Altitude Software headquarters:

Telephone: +351 21 412 98 00  
Fax: +351 21 412 98 90  
Email: info@altitude.com

Altitude Software local offices:

<table>
<thead>
<tr>
<th>Country</th>
<th>City</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belgium</td>
<td>Brussels</td>
<td>+32 (0)2 745 58 80</td>
<td><a href="mailto:info.blx@altitude.com">info.blx@altitude.com</a></td>
</tr>
<tr>
<td>Brazil</td>
<td>São Paulo</td>
<td>+55 11 3841 7100</td>
<td><a href="mailto:faleconosco@altitude.com">faleconosco@altitude.com</a></td>
</tr>
<tr>
<td>France</td>
<td>Paris</td>
<td>+33 1 46 37 84 01</td>
<td><a href="mailto:info.fr@altitude.com">info.fr@altitude.com</a></td>
</tr>
<tr>
<td>India</td>
<td>New Delhi</td>
<td>+91 124 429 3436</td>
<td><a href="mailto:info.apac@altitude.com">info.apac@altitude.com</a></td>
</tr>
<tr>
<td>Mexico</td>
<td>Mexico City</td>
<td>+52 55 3300 5059</td>
<td><a href="mailto:llamanos@altitude.com">llamanos@altitude.com</a></td>
</tr>
<tr>
<td>North America</td>
<td>Toronto</td>
<td>+1 (905) 479-2655</td>
<td><a href="mailto:callus@altitude.com">callus@altitude.com</a></td>
</tr>
<tr>
<td>Philippines</td>
<td>Manila</td>
<td>+63 2 964 16 27</td>
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</tr>
<tr>
<td>Portugal</td>
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<td>+351 21 412 98 00</td>
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<tr>
<td>Spain</td>
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<td>+34 91 732 03 50</td>
<td><a href="mailto:llamenos@altitude.com">llamenos@altitude.com</a></td>
</tr>
<tr>
<td>Sweden</td>
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<td>+46 (0) 8 5787 3000</td>
<td><a href="mailto:info@altitudecloud.com">info@altitudecloud.com</a></td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>Dubai</td>
<td>+971 4 3918880</td>
<td><a href="mailto:info.mena@altitude.com">info.mena@altitude.com</a></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>London</td>
<td>+44 (0) 1189 838 010</td>
<td><a href="mailto:info.uk@altitude.com">info.uk@altitude.com</a></td>
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