

VSAT-104: “MIDS & LEGS Familiarization”

GENERAL DESCRIPTION

Course 104 is a 3 day, 24-hour introduction training course that focuses on fundamental principles of ViaSat's MIDS terminals and the LINK 16 Environment Gateway Stimulator (LEGS) Software Suite. This course is designed to introduce the principles and operations MIDS Low Volume Terminals (LVT) and LEGS for operators and technicians who are preparing to use MIDS terminals in a LINK 16 network, and who are involved with establishing and maintaining MIDS-LVT terminals. This training course first provides a review of the basics of LINK 16 followed by an extensive overview of the MIDS-LVT and the LEGS Software Suite. All instruction will be reinforced with practical hands-on lab sessions. These sessions will provide the student with first-hand experience with all the features of MIDS-LVT, basic uses of LEGS and its displays allowing them to gain the necessary skills to troubleshoot the MIDS-LVT using LEGS. All instruction is given with respect to applicable references.

Topics to be Covered:

LINK 16

- Overview of LINK 16

MIDS-LVT

- Introduction to MIDS-LVT
- MIDS-LVT Initialization
- MIDS-LVT Terminal Operations
- MIDS Built-In-Test
- MIDS-LVT Platform Interfaces
- MIDS-LVT Software and Reprogramming
- MIDS-LVT Support and Host Equipment
- MIDS-LVT Lab Session

LINK 16 Environment Gateway Stimulator (LEGS)

- Introduction to LEGS
- Installation and Set Up
- LINK 16 Initialization File Editor
- LEGS Scenario Generator
- LEGS Displays
- ViaSat Analysis Support Tool
- MIDS-LVT Status Words
- LEGS Lab Session

CLASS MEETING TIMES/LOCATION

This class will consist of 3-day instruction at ViaSat's Carlsbad, California facility. Classes will begin promptly at 8 am and will be dismissed at 4 pm daily.

STUDENT PREREQUISITES and CRITERIA

Students should possess a basic understanding of the principles of LINK 16; for this is an introduction to MIDS-LVT and LEGS course utilizing LINK 16. Students must meet the following requirements:

- **Citizenship and Foreign Disclosure** – This course is available to U.S. and Foreign citizens. All students must show proof of citizenship. Because this course is governed by Traffic in Arms Regulation (ITAR), 22 CFR 121-128 it will require an export license with a supported Technical Authorization Agreement (TAA) with all customers purchasing this course.
- **Ability to Understand English Language** – All students must be able to understand the English language. No language interpreters will be provided. All students must have fundamental English reading, writing, and speaking skills.
- **Classroom Courtesy** – It is expected that all students respect classmates, instructors, and training equipment and property.
- **Attendance and Participation** – Attendance for all sessions is mandatory. Active participation is highly encouraged at all levels.

OTHER/MISCELLANEOUS

- **Purchasing Requirements** – Orders for this course can be made by contacting the Points of Contact listed below. Orders for this course must be received by ViaSat's Contracts department 15 days prior to the starting date listed for the Course of Instruction.
- **Minimum and Maximum Class Size** – Minimum class size required to hold the Course of Instruction is three (4) students. The maximum class size for this course is sixteen (12) students.
- **Student Requirements Prior to Class** – There is no required reading prior to the start of class. However, all students should review the basic concepts LINK 16.

POINT OF CONTACT

The primary Point of Contact (POC) for all students is Mr. Timothy Trudeau, MIDS/LINK 16 Systems Engineer/Lead Instructor for ViaSat, Inc.

E-mail: Tim.Trudeau@ViaSat.com
+1 (760) 476-4233 office
+1 (760) 397-7781 mobile

The primary Point of Contact (POC) for placing an order for this course is Stacey Auer in ViaSat's Contracts Department:

E-mail: Stacey.Auer@ViaSat.com
+1 (760) 476-4252 Office
+1 (760) 795-1045 Fax