

Course ID
BHAUL-APP
Course Duration
1+ days

Course Title
Mobile Backhaul Application Case Studies

Related Courses

- Mobile Backhaul Business and Technology Briefing™ (BHAUL-BRIEF, 1 day)
- Mobile Backhaul Market Briefing (BHAUL-MKT, 1 day)
- Mobile Backhaul Architecture and Implementation (BHAUL-AI, 2-3 days)
- Mobile Backhaul Standards and Protocols (BHAUL-STND, 2-3 days)
- Mobile Backhaul Security (BHAUL-SEC, 1 day)
- Mobile Backhaul End-to-End (BHAUL-E2E, 1 day)

Aimed At This briefing is suitable for all audiences.

Group Size 5-25

Prerequisites There are no prerequisites for this course.

Course in a Nutshell There are four generic case studies available for Mobile Backhaul. They cover Terrestrial TDM/SONET/SDH Backhaul, Wireless TDM/SONET/SDH Backhaul, Wireless RF Native Ethernet Backhaul, and Wireless Optical Native Ethernet Backhaul. Each case study module in this course is approximately 90 minutes in length and provides a briefing on Mobile Backhaul covering business and technology aspects. Ask your Eogogics training consultant about industry specific case studies or about commissioning your own custom application case study. All case studies cover the topics described in the detailed outline below.

Customize It! This briefing can be scheduled as 1+ day standalone course, the first day of a multi-day course, or as one-hour modules for delivery over the World Wide Web. Any combination of selected modules may also be scheduled for web delivery. The course can be optionally taught as a hands-on workshop at no added cost.

Learn How To

- Sort out the real drivers – the true motivations – for various organizations adopting Mobile Backhaul
- Describe real Mobile Backhaul architectures implemented by various organizations and the logic behind the architectures
- Apply subtleties of Procurement, Implementation, Migration, Training and Operations of Mobile Backhaul based on case studies
- Create reasonable and accurate Return on Investment (RoI) and Total Cost of Ownership (TCO) models for Mobile Backhaul
- Match expectations to Lessons Learned for real Mobile Backhaul Case Studies
- Interpret the knowledge listed above for the Terrestrial TDM/SONET/SDH Backhaul, Wireless TDM/SONET/SDH Backhaul, Wireless RF Native Ethernet

- Backhaul and Wireless Optical Native Ethernet Backhaul models.
- Describe the implementation or potential implementation of Mobile Backhaul in one, two or all delivery models for your organization (*requires customization*)

Course Outline

Application Case Study Introduction

- Terrestrial TDM/SONET/SDH Backhaul
 - **Background:** History and case study subject business and market overview.
 - **Drivers:** Why did the case study subject make the decisions they made.
 - **Architecture:** What is the system design for the case study application?
 - **Procurement and Implementation:** How did the case study subject obtain and implement their application?
 - **Migration and Training:** How did the case study company move from their old system to their new system and how was training accomplished?
 - **Operations:** What are the ongoing operational issues of the case study application?
 - **Return On Investment (ROI):** How does the case study company calculate their return on the investment of time and money that they made and how does that match real returns?
 - **Total Cost of Ownership (TCO):** Taking into account all possible elements, how much does the application cost?
 - **Expectations and Lessons Learned:** What were the expectations at the beginning of the project and what lessons were learned during the project?
 - **Looking Ahead:** What are the case study subject's future plans?
- Wireless TDM/SONET/SDH Backhaul
Same as Terrestrial TDM/SONET/SDH Backhaul
- Wireless RF Native Ethernet Backhaul
Same as Terrestrial TDM/SONET/SDH Backhaul
- Wireless Optical Native Ethernet Backhaul
Same as Terrestrial TDM/SONET/SDH Backhaul

Application Case Study Review and Summary

A review of the briefing topics and summary of the program.

Revised

2-11-f