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RedMAX Product Support Certification Program

Redline Certified Support Expert - RedMAX: RCSE – RedMAX Course Description

Course name:

System, Link Design and RF planning

Objective:

The student attending this course should:

- Enable attendees to acquire SME level understanding of and working with RedMAX system.
- Enable the attendees to acquire working and hands on knowledge of RedMAX RF planning and the use of CelPlan as an RF planning tool.

Certification Criteria:

In order to receive the certification, students must pass the RCSE-RedMAX certification exam covering the RCSE course and the areas specified in the course pre-requisites.

Course Duration:

5 days

Target Audience:

The target audience for this workshop includes RF planning Engineers, RedMAX network Administrators, system analysts, product SME groups.

Delivery format:

This course is instructor-led and hands-on training.

Pre-requisite Knowledge Requirement:

- Verifiable experience in working in the RF planning area
- Verifiable experience in the deployment of at least two wireless network involving RF planning , interference mitigation and network performance optimization
- SME level understanding of the RF systems including propagation models, wireless channel impairments, RF link anomalies from the radio interference point of view, RF Tx and Rx performance parameters.
- SME level knowledge of Digital Communications Systems including modulation, channel coding, digital modulation schemes,
- SME level knowledge of 802.16d and 802.16e deployment requirements and challenges.

RCSE-RedMAX Course Content Details

RCSE-RedMAX – Part I

RCSP-RedMAX

- Please refer to the RCSP-RedMAX course description

RCSE-RedMAX: Part II

RF Planning

- RF planning Overview
- CelPlan as the RedMAX RF Planning Tool

More Information

For further information on training and certification, please contact the Redline Training Department at training@redlinecommunications.com.

About Redline Communications

Redline Communications is the leading provider of standards-based wireless broadband solutions. Redline's WiMAX Forum Certified™ systems and award-winning backhaul and transport products enable service providers and other network operators to cost-effectively deliver high-bandwidth services including voice, video and data communications. Redline is committed to maintaining its wireless industry leadership with the continued development of WiMAX and other advanced wireless broadband products. With more than 30,000 installations in 75 countries, and a global network of over 100 partners, Redline's experience and expertise helps service providers, enterprises and government organizations roll out the services and applications that drive their business forward. For more information, visit www.redlinecommunications.com.