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Lasting Advantage



3-Day Hands-On Bootcamp

Device Management

Based On TR-069 And Beyond

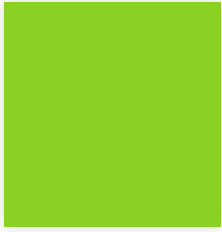
Axiros GmbH

Alllaufstr. 34
85635 Munich Hoehenkirchen
Germany

T +49 8102 80655 - 00
F +49 8102 80655 - 01
www.axiros.com
info@axiros.com

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Generic **Device Management**

TR-069 And Beyond: 3-Day Hands-On Bootcamp

executive summary

The Axiros Device Management Workshop is intended for network architects and designers who have to get the latest information about device management technologies and trends in high speed internet access, IPTV, VOIP/IPCentrex management and other value added services.

The workshop covers all basic questions regarding device identification, customer association and remote management. Additional sections target advanced topics like device monitoring, service awareness and Quality of Experience management.

Included in the workshop is a lab-installation of the Axiros axACS platform, which will be used for hands-on and design demonstrations. Within the workshop an example provisioning flow is designed and implemented on the axACS lab-installation.

1. Topics And Learning Objectives

- Understanding different device connection and identification possibilities
- Comparison of different device management protocols
- How to map business requirements to device management issues
- How to integrate OSS/BSS systems and offering service awareness
- Exploring remote management possibilities
- Introduction into service and device monitoring
- How to implement Quality Of Experience management
- Implementation of a basic device provisioning/management scenario on the lab-installation
- Evaluation of CPE manageability
- Development of integration scenarios for the installed base.

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- Introduction to legacy device integration

2. Audience And Prerequisites

IP-Network knowledge and a clear understanding of the underlying business goals is preferable.

For single modules the following specialist knowledge will be required:

- OSS/BSS scope and interfacing protocols
- Basic knowledge in scripting technologies / programming experience
- Customer Support / Service knowledge
- Detailed knowledge about the target CPEs/devices

The target audience for the course are

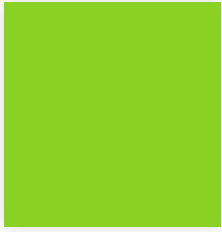
- Network architects
- Network designers
- Network engineers
- Service and support engineers
- Product management

Technical prerequisites includes a server (hardware or virtual) for the lab-setup. Live CPEs for demonstration and testing are preferred.

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Outline **Boot Camp**

Device Management Essentials

boot camp outline

1. Preperation

One week ahead of the workshop: axACS remote installation in the lab-environment & agreement on the final schedule

2. Workshop Execution - The 3-Day Bootcamp

- Clarification of the CPE WAN connection environment
- Identifying CPEs and association to subscriber data
- Description of the services that shall be managed
- Evaluation of the CPEs in accordance to the desired services from a device management perspective
- Identification of remote management requirements
- Description of the northbound (OSS/BSS) interfaces
- Design of a prototype provisioning flow
- Design of a remote management UI
- Discussion of service and device monitoring

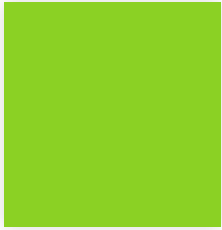
3. Sequel Of Workshop

A document with the results of the workshop, together with a recommendation about the next steps will be provided within a week after the end of the workshop.

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Our Customers

Innovators And Challengers In The Fixed Broadband Arena

From incumbents to regional operators we deliver value added solutions and perfect integration in the area of Device Management - based on TR-069 and beyond.

our customers outline

