

GNETD-106: DCIM & Advanced Monitoring

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Course Overview

This guide is for netTerrain users that need to set up, manage and monitor devices and related objects in a netTerrain DCIM setting.

The estimated duration of this course is approximately 12 hours.

Assumptions

It's assumed that students will not open netTerrain for the first time in their lives. We expect you to already know how to work with netTerrain objects, diagrams and DCIM entities before diving into the topics at hand.

Course Materials

For training at Graphical Networks facilities, we provide all necessary materials. For on-site training Graphical Networks may request students to bring a laptop. In addition, on-site training requires a room equipped with a large monitor or space for a projector as well as internet connection.

Requirements

It's assumed that you already know how to work with objects, diagrams in netTerrain.

This course gets some inspiration from the following guides:

- netTerrain_User_Guide_8.1
- netTerrain_Power_User_Guide_8.1
- netTerrain Environmental Monitoring module guide
- netTerrain_Cheat_Sheet

In addition, we will use an exercise guide for problem solving and reinforcement purposes.

Contents

Day	Chapter	Topic	
1	Overview of netTerrain	Nodes and Links	
		Diagrams	
		Smart Objects	
		DCIM objects	
		Regular nodes vs. smart objects	
		Racks	
		Devices	
		Device subcomponents	
		Work Order Management	
		Introduction	
		Tasks and work orders	
		Status management	
		Cascading dependencies	
		Notifications	
Dashboards		Introduction	
		Predefined Dashboards	
		Rules for creating new dashboards	
		Drill-downs	
2	Collector & ITK-based monitoring	Management set up	
		IP-based monitoring	
		Connectors	
	Environmental monitoring - console		Dashboard overview
			Grouping
			Device Management
			Data Center Management
			Summary views
	Environmental Monitoring - optimization		Power policies
			Energy optimization
			Events & thresholds