



DC450 data concentrator is an intelligent concentrator for large scale meter reading and controlling systems. The basic function of the concentrator is to collect data from metering devices, store it and deliver the data to the meter readout system. Participants learn to be familiar with PLC technology. They get to know hardware and all software functions of the DC450 data concentrator. They are able to configure and install this device.

Participants know how the DC450 is integrated in a meter readout system and how PLC work. They understand the most common theory and functions of the PLAN technology. Furthermore they understand the different workflows and installation types.

Participants know the differences between PLAN and PLAN+ and know what to do in case of mixed protocol networks. Participants get to know the hardware of the DC450 and are able to install it.

The participants are capable to execute the basic configuration and get to know all the functions that are integrated in the DC450.

Target Group	Customers and personnel interested to know how a DC450 works. They either have to plan a rollout phase or are responsible for the clean up phase or the maintenance of a PLAN system.	
Requirements	Participants are familiar with the concepts and elements of an AMM system, central station, functions of a typical utility, the jargon of metering, measurement techniques and main functionality of an electrical meter. They have also basic knowledge about communication over GPRS and Ethernet.	
Content	<ul style="list-style-type: none"> • System Overview • Introduction PLC • PLAN+/PLAN • DC450 Installation • DC450 Web-Interface 	
Duration	1 day	
Training documentation provided	Training Documentation GSM/UMTS Antenna Data Sheets 2G/3G Antenna Overview Document	DC450 Technical Data DC450 Product Description DC450 User Manual DC450 Functional Description
Additional information		
Attestation	Attendance Certificate handed out at end of training	
Further training	G3 Communication AIM Data Acquisition AIM Data Processing AIM Deployment AIM Tools	PLAN AIM Site Manager AIM Site Service AIM System Administration AIM System Administration Troubleshooting