



PNPSCADA



COURSE 131

***Admin Role:
Configuring Custom
Accounts and Permissions***



The NEXT Generation AMR

Gives you the power to configure your own AMR, via an easy to use Web interface



Plug and Play
SCADA

Previous Course Requirements:

- 102 - Technician - Installation of Meters
- 120 - Accountant - Configuring Tariffs, Time of Use Calendars and Meter Accounts
- 121 - Accountant - Checking, Running and Exporting Bills
- 131 - Admin - Configuring Custom Accounts and Permissions

Advisable: Elster PMU training, specifically to be able to use PMU to switch an AS230 on and off with an optical eye from a laptop, in other words not through the modem.

Once you are done with this Course, you should be able to:

- Configure a Breaker/Connector
- Create a Ledger
- Setup a Prepaid Facility
- Create a minimalistic Role and Login for viewing prepaid balance only.
- Setup SMS notifications to Clients when their balance run low.



MODULE 1: Adding another Login Account

Step 1: Login

- To start adding Entities on the system, the first step is to log in:
- Go to the log in page at:
set.pnpscada.com (our training server)
- If you do not already have an account, press the link at the top where it says:
» [New users: Click here to sign up for your free account.](#)



MODULE 1: Adding another Login Account

Step 2: Add New



Plug and Play
SCADA

Home File Edit View Tools

Help (Inbox: 0) User: Search (0) Logout: 2019-12-19 10:10:10

Overview

You are logged on to your account on PnPScada server Set.
You have [2 User Admin entities](#) on your account.

Add New

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- The basic building blocks in Plug and Play Scada are called Entities.
- An Entity can be anything from a Meter to a Login account, a Role, an Organization, a Tariff, a Time Of Use calendar etc.
- To add any kind of Entity on the system, click the Add New button at the bottom of the overview screen.
- Alternatively, go to the File menu (next to Home), and click on New.

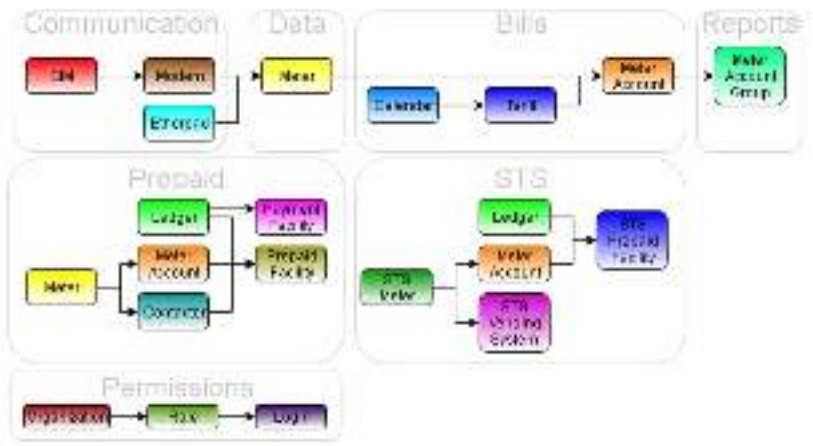


MODULE 1: Adding another Login Account

Step 3: Category

Please choose the category of the entity you want to add.

- [Accessories/Connectors](#)
- [Concentrators](#)
- [Control Outlets](#)
- [Elsesr Waveris](#)
- [Ethernet](#)
- [Events](#)
- [GIS](#)
- [Handhelds](#)
- [HomeAutomation](#)
- [Load Control](#)
- [Meter Account](#)
- [Meter Account Group](#)
- [Meters](#)
- [Modems](#)
- [Payment Facilities](#)
- [Prepaid](#)
- [Protection IED](#)
- [QTI](#)
- [RTUs](#)
- [SCADA Interface](#)
- [Sensors](#)
- [Servers](#)
- [SIM cards](#)
- [Special Reports](#)
- [tariffs](#)
- [User Admin entities](#)
- [Vending Systems](#)



- Select the Category of the Entity you want to add:
- In our case it would be [User Admin entities](#).
- Push Next.



MODULE 1: Adding another Login Account

Step 4: What User Entity

Adding User Admin entities

What User Admin entities entity do you want to add?

[Customized menu](#)
[Custom Page](#)
[Login Account](#)
[Organization](#)
[Organization Role](#)

Back Next

- Select the kind of User Admin Entity you want to add.
- First, lets select Login Account.
- Click Next.

Step 5: Dependency

Adding a Login Account

This entity needs a Role to function.

Please choose a Role.

Add New

Organization Role: AR0157-Aktresataskes/2010 Training paksewa (private)

ADD NEW...

Back Next

- Every User Login Account belongs to a Role.
- You should have at least one Administrator Role attached to your own Login.
- After selecting a role, Click Next.



MODULE 1: Adding another Login Account

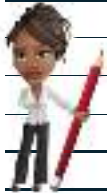
Step 6: Add Login

Add Login

First Name *	<input type="text" value="Demo"/>
Last Name *	<input type="text" value="Account"/>
Email Address <small>(will be used to send you password reset emails)</small>	<input type="text" value="demo@pnpscada.com"/>
	<input checked="" type="checkbox"/> Email my account information to this address. <small>(This will use the SMTP server of, which is, please use and use email proof)</small>
Cell Phone Number	<input type="text"/>
Choose a Login Name <small>(use spaces or special symbols)</small>	<input type="text" value="Training_Demo"/>
Choose a Password <small>(at least 8 characters)</small>	<input type="password" value="password"/>
Confirm the Password <small>(retype the password)</small>	<input type="password" value="password"/>

- Fill out the relevant fields.
- You must specify the entries marked red.
(you can always edit the other options later under Edit > Login, or that user can set up his own info under Edit > My Info)
- Push Finish to add the new Login.

NOTES:





MODULE 1: Adding another Login Account

EXERCISE

Assignment:

- ❖ Add another Administrator Login to your Organization.
- ❖ Call the Lecturer if you have any questions, and when you're done.



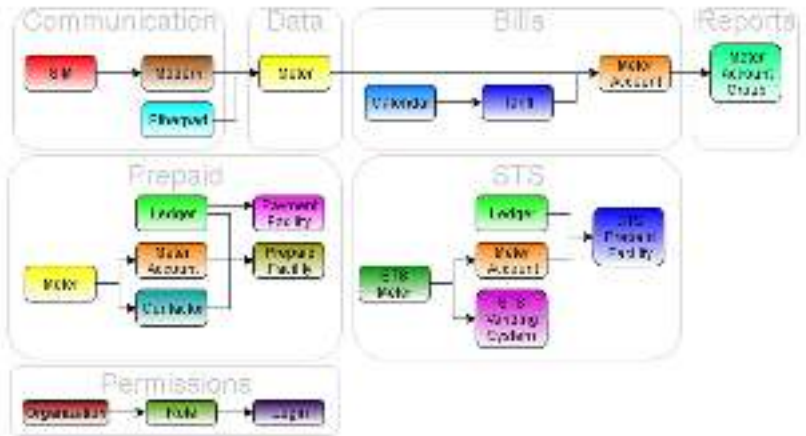


MODULE 2: Adding another Role

Step 1: Add New

Please choose the category of the entity you want to add.

- [Access/Connector](#)
- [Concentrators](#)
- [Concentrators](#)
- [Digital Output](#)
- [Elster Waveis](#)
- [Etherpads](#)
- [Evantors](#)
- [HIS](#)
- [Households](#)
- [Homes/Customers](#)
- [Load Control](#)
- [Meter Account](#)
- [Meter Account Group](#)
- [Meters](#)
- [Modems](#)
- [Payment Facilities](#)
- [Prepaid](#)
- [Protection \(HLL\)](#)
- [RTU](#)
- [RTUs](#)
- [SCADA Interface](#)
- [Sensors](#)
- [Servers](#)
- [SIM cards](#)
- [Special Reports](#)
- [Tariffs](#)
- [User Administration](#)
- [Vending Systems](#)



- Go back to Overview (press Home)
- Push the Add New button again, and add another User Admin Entity.
- This time, select the 'Organization Role' type of User Admin Entity.
- Click Next.



MODULE 2: Adding another Role

Step 2: Dependecy

Adding an Organization Role

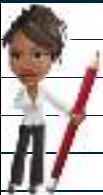
This entity needs an Organization to function.

Please choose an Organization:

[Back](#) [Next](#)

- Every Role is in an Organization.
- You should have at least one Organization attached to your own Login.
- After selecting an Organization, push Next.

NOTES:





MODULE 2: Adding another Role

Step 3: Add a Role

Add Role

Role Description: [View Assistance](#)

Tip: We recommend you keep the default permissions settings when creating the Role, and edit it later.

No Add Restriction (all types of entities can be added)

Specify which Types of Entities may be Added

Account/Account - RWB/Account/Accounts
Business/Contractor - Contractors
Business/Contractor - Attached Properties

No Functionality Restriction (all interfaces of entities may be used)

Specify which Entity Interfaces may be Accessed

Account Access
Admin - Equipment Edit
Admin - Communication Device

No Entity Restriction (all entities belonging to 2019 Training personnel (private) can be seen)

Specify which Entities may be Accessed

User Admin entities - 2019 Training personnel (private) (2002562)
User Admin entities - Administrative-2019 Training personnel (private) (2002517)

Back Finish

- Fill out the relevant fields.
 - ❖ eg. Administrator, Technician, Tarrif Admin, Accounts, Tenant etc
- The only important one at this stage is the Role Description.
- The other options are best edited later through specialized screens.
- Click Finish to add the new Role.



MODULE 2: Adding another Role

Step 4: Overview

Organization Role:2000518:Technician/2019 Technician (private) [Link](#) [Unlink](#) [Quick Search \(Q\)](#) [Logout](#) [2019](#) [Logout](#)

[Home](#) [File](#) [Add](#) [Admin](#) [Users](#)

My Role
Role
Role Modifications
Role Password Restrictions
Role Pages
Sharing Permissions
Organization
Physical Location

Selected Entity

User Admin entities

Organization Role

Id:2000518

Role/Organization: Technician/2019 Technician (private)

[update entity](#)

[remove entity](#)

You are logged on to your account on PNPSCADA server. Set
You have 3 User Admin entities on your account.

- Your Role is now added, and we're ready to configure it further. Return to the overview screen (Home)
- Select your Organization Role on the overview screen by drilling down on the categories under User Admin entities and selecting it.
- You will be presented with the Object Dependency view. You can select the entities to the left and right of the selected Entity to navigate the Entity Dependency Tree.
- You can press the Home link from anywhere in the site to return to the overview screen.

NOTES:





MODULE 2: Adding another Role

Step 5: Edit the Role



- Edit ► Role.
- On this screen you may edit the Role Description, set the Start Page for the Role (on login), and set the Restrictions.
- There are 3 kinds of restrictions:
 - ❖ Which Entities can be seen.
 - ❖ Enabled Functionalities (screens that can be used)
 - ❖ What kind of new entities may be added by this Role.
- Click the Update button when done.
- To add an account for a customer with only Meter Account view rights, add him to a Role restricted to his Meter Account Entity, the 'Meter Account' Functionality, and restricted on Add with no Types of Entities selected.

MODULE 2:

Adding another Role

EXERCISE

Assignment:

- ❖ Add a Role that cannot access the Administrator Role.
- ❖ Add a Login on that Role.
- ❖ With the new Login selected, go to Tools > Zoom to Login. Click the Zoom In button.
 - ❖ You should now 'see' what that login would see if they log in.
- ❖ Try to view the Administrator Role under Home from the new Login.
- ❖ Now try to view the Administrator Role under Home from your old login.
- ❖ Call the Lecturer if you have any questions, and when you're done.





MODULE 3: Adding another Organisation

Step 1: Add New

Adding User Admin entities

What User Admin entities entity do you want to add?

[Customized menu](#)
[Custom Page](#)
[Login Account](#)
[Organization](#)
[Organization Role](#)

- Go back to Overview (press Home)
- Push the Add New button again, and add another User Admin Entity.
- This time, select the 'Organization' type of User Admin Entity.
- Click Next.
- Reasons to add a new Organization as administrated by yourself, is for the sake of giving your customers their own logins with:
 - Their own banner image on top
 - Their own sub-domain
 - Their own unique login space (so that their customer logins could potentially be duplicated with another organization on another sub-domain without clashing, e.g. SHOP01 in two different Shopping Centers)



MODULE 3: Adding another Organisation

Step 2: Add The Organisation

Add Organization *** indicates a required field

Organization Name *	<input type="text" value="rail"/>
Postal Address Line 1 *	<input type="text"/>
Postal Address Line 2 *	<input type="text"/>
City *	<input type="text"/>
Province *	<input type="text"/>
US State *	<input type="text"/>
Postal or Zip Code *	<input type="text"/>
Country *	<input type="text"/>
Telephone Number *	<input type="text" value="South Africa (+1272)"/> <input type="text" value="Ext. (optional)"/>
Fax Number *	<input type="text"/>
Street address *	<input type="text"/>
VAT number	<input type="text"/>
Sub domain	<input type="text"/>
Banner Image	<input type="button" value="Choose file"/> <input type="button" value="No file chosen"/> <small>(max 400x Must specify Sub domain to have this option. Max height 100 pixels)</small>

- Fill out the relevant fields.
- Push Finish to add the new Organization.
- You can edit the Organization setting later from Edit > Organization.



MODULE 3: Adding another Organisation

EXERCISE

Assignment:

- ❖ If you have not already done so, Edit your Organization's properties and add your own banner image.
- ❖ For this to work, you also need to specify your own unique Sub domain.
- ❖ Call the Lecturer if you have any questions, and when you're done.

