Radgrid Software

Technical Data

'Radgrid' is a data communication software , designed primarly to log the data from a host of Radiation Monitors in a network either RS485 / Ethernet. These devices could be Area Gamma Monitor, with built-in detectors or connected with smart probes, operating in different measuring units, stack activity monitors in a PET medical cyclotron facility or other Radilogical facilities, including food / radiation plants etc., Environmental Radiation Monitors operating in outdoor conditions.

This Facilitates & reads, dose rate & fault diagnostics information,into a centralized computer station. This software facilitates User to set /change parameters through 'config' menu. Parameters like PRESET-ALARM, C.F factor etc can be changed by device settings & acquire settings.

	RADGRID CONFIGU	RATOR - NUCLEON	AIX.		
IP Address 192.168.1.225 Yearn Mon 20170701	RADGRID - Instru 3.ccc.192.168.1225	ments Configuration Get Last Acq Data Upload Lookup Table	Upload Device Settings	Upload Acquire Settings	1

Device Settings:

User can change measuring unit and Calibration factor .

Acquire settings:

In this User can change Alarm level, by changing acquire settings :

- i. preset level -mR/h
- ii. preset level -Sv/h
- iii. preset level -CPS
- iv. preset level -Bq

					RADO	BRID -	NUCL	LEON	IIX								
	Location	DetUnitName	IPAddress	Connect Status	Dose Rate	Unit	RadAlarm Status	OverRange Status	OverLoad Status	Det Status	HV Status	ACK	RESET	Calib Due	Date Time		
	3	ccc	192.168.1.225														
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Start Acquisition :

Once "start acquisition " is selected, instruments get connected to Radgrid through Ethernet communication with respective I.P address .Instrument I.P addresses are saved in local disk D. User can change set location, device name, I.P addresses.

The following details of instruments are displayed :

column-1:location of instrument.

column-2: Device name.

column-3: I.P Address of device.

column-4: Connection status.

column-5: Dose rate level.

column-6: Units of dose rate.

column-7: Alarm status.

column-8: OVR range status.

column-9: OVR status.

column-10: Detector Status.

column-11: HV status.

column-12: "ACK" button for muting the audio.

column-13: "RESET" button for resetting the device.

column-14 : Calibration due date .

column-15: Date and Time.

To disconnect the Rad-Grid or for CONFIG on Clicking "STOP ACQUISITION" then continue.