

## WebiSmarts System

ROTEM RadMon Installation (1-5 DPU-3 Monitors) PCAT: P5451GX

### Radiation Detection Division

The WebiSmarts System is a modular Area and Stack Monitoring System which is installed in various work areas and laboratories according to the requirements of the residing RSO.

The System typically consists of the following:

1. A Computer containing a SQL database and the WebiSmarts Software
2. A POE Switch
3. DPU-3 Area Monitors
4. External Detectors
5. Detector Cables and Brackets

### Site Readiness

Prior to the Installation the RSO should determine the appropriate locations of each DPU-3 and external detectors and provide cable lengths between each DPU-3 and its external detectors.

The site should also have Ethernet sockets installed close to the intended locations of the DPU-3's and should run the Ethernet cables to the Computer room and mark each termination with a WebiSmarts label.

Prior to the packing and shipping, the WebiSmarts System is connected and tested for a few days so it will arrive at customer site ready to plug and play, but in order to facilitate the fine tuning of the system, the Computer should be connected to the Internet to allow Rotem personnel the ability to setup the system and if necessary assign IP addresses appropriate to the Site.

### Installation Procedure

Initially the System is installed into the facility as a closed network. The installer mounts the DPU-3 Monitors and detectors according to the RSO's requirements and runs the detector cables between the DPU-3's and detectors. The installer is also responsible for making sure that the Computer has an external access to the Internet. This is to facilitate the final configuration settings according to sites requirements.

Once the installation is completed to the customers satisfaction, the customer can connect the WebiSmarts Computer to his network after installing the checks and firewalls he requires, thus allowing anyone on the same network access to the maps and points.

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