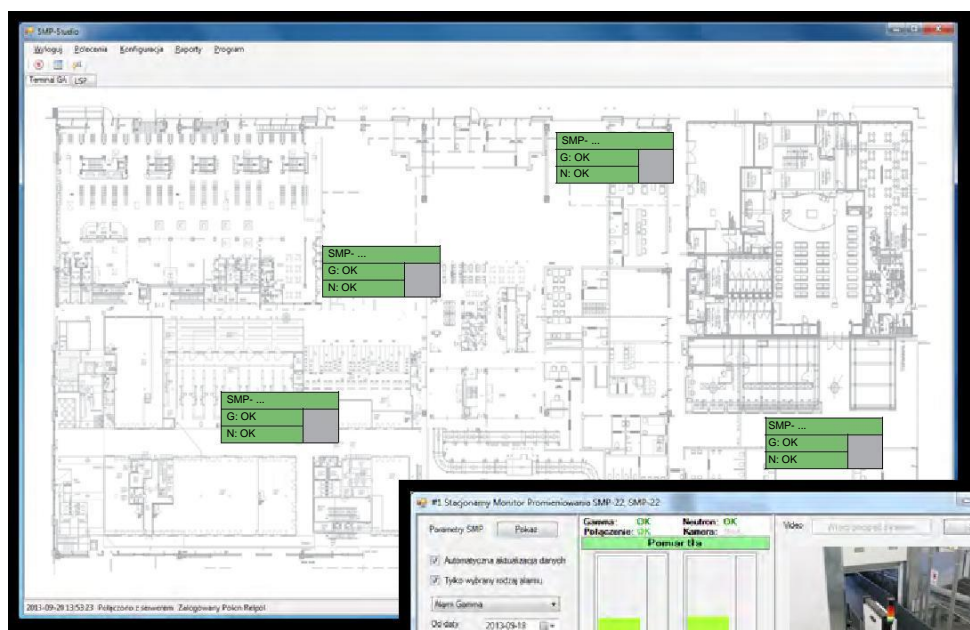


# Remote Management System SMP-Studio



**Remote Management System SMP-Studio** – computer database software, produced by Relpol, is designed to manage Radiation Portal Monitors SMP System. It integrates all local control points to facilitate remote management and diagnostics of SMP Radiation Portal Monitors. Bidirectional communication, by the Ethernet, enables the full control of SMP System



**Facility synoptic chart.**  
State of the each RMP is signaled graphically on the screen. Synoptic charts are divided into bookmarks, which can be manually or automatically switched.

Okno alarmów

Id	Zdjęcie alarmu / event	Rodzaj alarmu	Początek	Kończ	Status	Parametry
1	R1 Stacjonarny Monitor Promieniotwórczości SMP	Awaria - Błąd druku	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
2	R1 Stacjonarny Monitor Promieniotwórczości SMP	Alarm Gamma	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
3	R1 Stacjonarny Monitor Promieniotwórczości SMP	Alarm Gamma	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
4	R1 Stacjonarny Monitor Promieniotwórczości SMP	Alarm Gamma	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
5	R1 Stacjonarny Monitor Promieniotwórczości SMP	Awaria - Błąd druku	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
6	R1 Stacjonarny Monitor Promieniotwórczości SMP	Alarm Gamma	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
7	R1 Stacjonarny Monitor Promieniotwórczości SMP	Awaria - Błąd druku	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
8	R1 Stacjonarny Monitor Promieniotwórczości SMP	Alarm Gamma	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
9	R1 Stacjonarny Monitor Promieniotwórczości SMP	Alarm Gamma	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
10	R1 Stacjonarny Monitor Promieniotwórczości SMP	Awaria - Błąd druku	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
11	R1 Stacjonarny Monitor Promieniotwórczości SMP	Alarm Gamma	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
12	R1 Stacjonarny Monitor Promieniotwórczości SMP	Alarm Gamma	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
13	R1 Stacjonarny Monitor Promieniotwórczości SMP	Awaria - Błąd druku	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
14	R1 Stacjonarny Monitor Promieniotwórczości SMP	Alarm Gamma	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	
15	R1 Stacjonarny Monitor Promieniotwórczości SMP	Awaria - Błąd druku	2013-09-20 08:48:53	2013-09-20 08:48:53	OK	

In the alarm window following information is presented: which RPM has generated an alarm, kind of alarm, its beginning and ending date and current status.

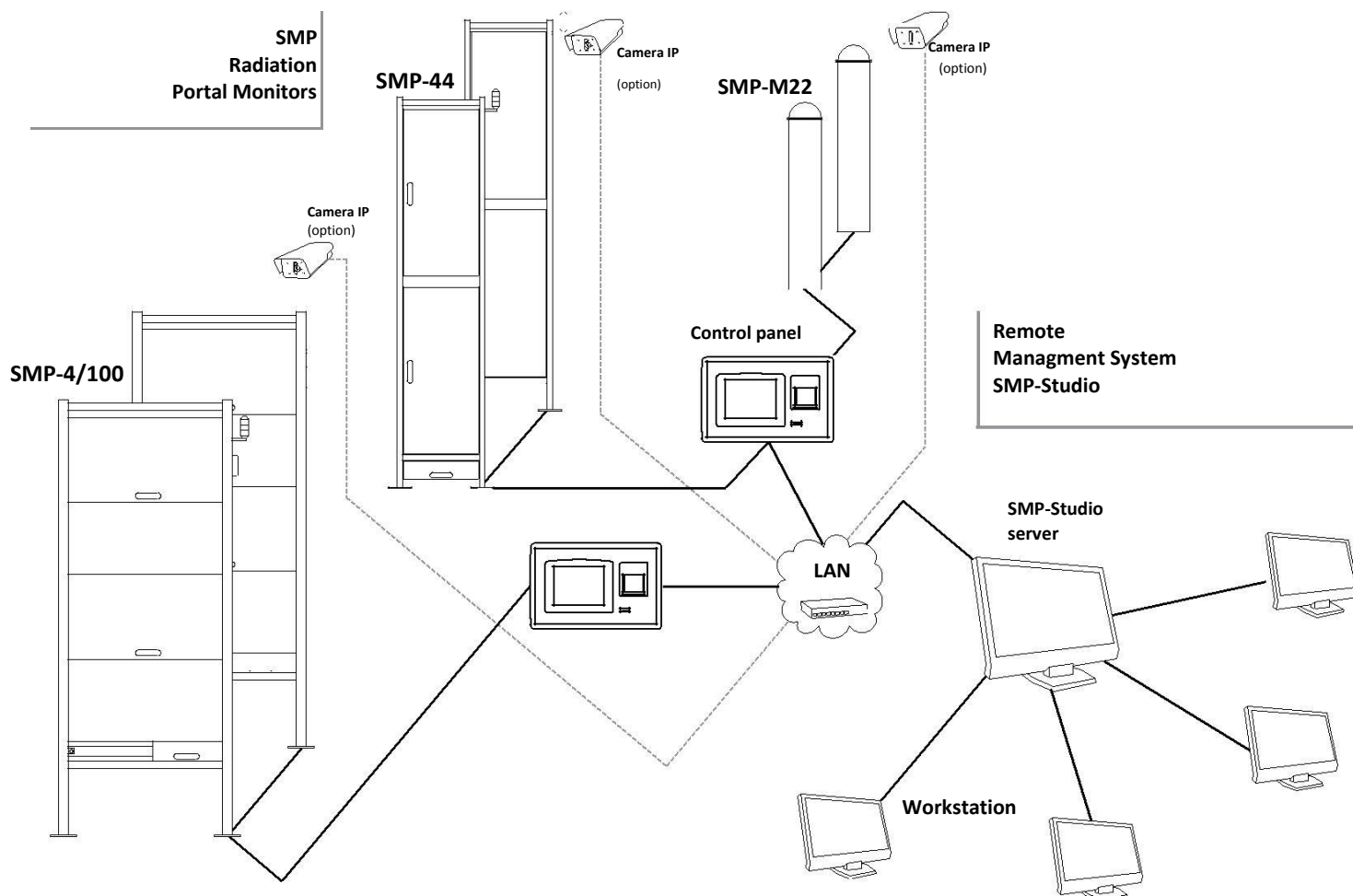


**RMP details- possibility to review current settings, detectors state, background, SMP parameter settings, video preview from the camera (if installed) and listings.**

SMP-Studio tasks:

- Supervision of the SMP Radiation Portal Monitor System by the LAN (from 1 to 32 control zones).
- Sound and graphically emergency and events alarms indication.
- Emergency and event alarms registration.
- Event progress snapshots registration with the IP camera.
- Preview of the videos from four IP cameras at the same time.
- Remote change of the parameter settings.
- Parameter settings change registration.
- Records about alarms, change of settings, history, system events ect. are stored in the database.
- Basing on the stored data, SMP-Studio generates (eg. in the PDF or Excel file) reports about the SMP system functionality.
- Automatic database backup.
- Automatic time synchronization.

## Master diagram of the Remote Management System SMP-Studio



## SMP-Viewer application



SMP-Viewer - computer software designed for remote visualization of the single RPM performance. SMP-Viewer may be installed on any PC connected to the control panel by the Internet or an Ethernet.

SMP-Viewer enables visualization of alarms, presents views of the current operation status, as well as automatic or desired generation and printing of reports.

### Functions:

- Data visualization.
- Alarms (visual and sound).
- Event history recording
- Automatic report printout in the event of alarm



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