



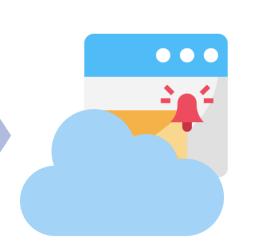
Web-Based Alarm Management System

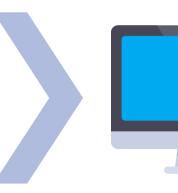
L. Zytniak, M. Gandor, P. Goryl, J. Kowalczyk, M. Nabywaniec (S2Innovation, Kraków), S. Rubio-Manrique (ALBA Synchrotron Light Source, Cerdanyola del Vallès)

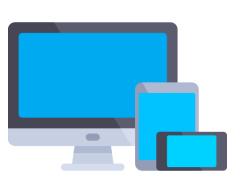


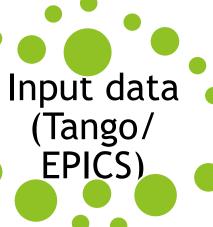












Temperature sensor

Trigger notifica tion formula (PyAlarm)

is higher than 50 → trigger



MongoDB Cache



Processed by PANIC/PyAlarm

- Notifications

If temperature alarm.

 Speed up PANIC Advanced logging

Web API

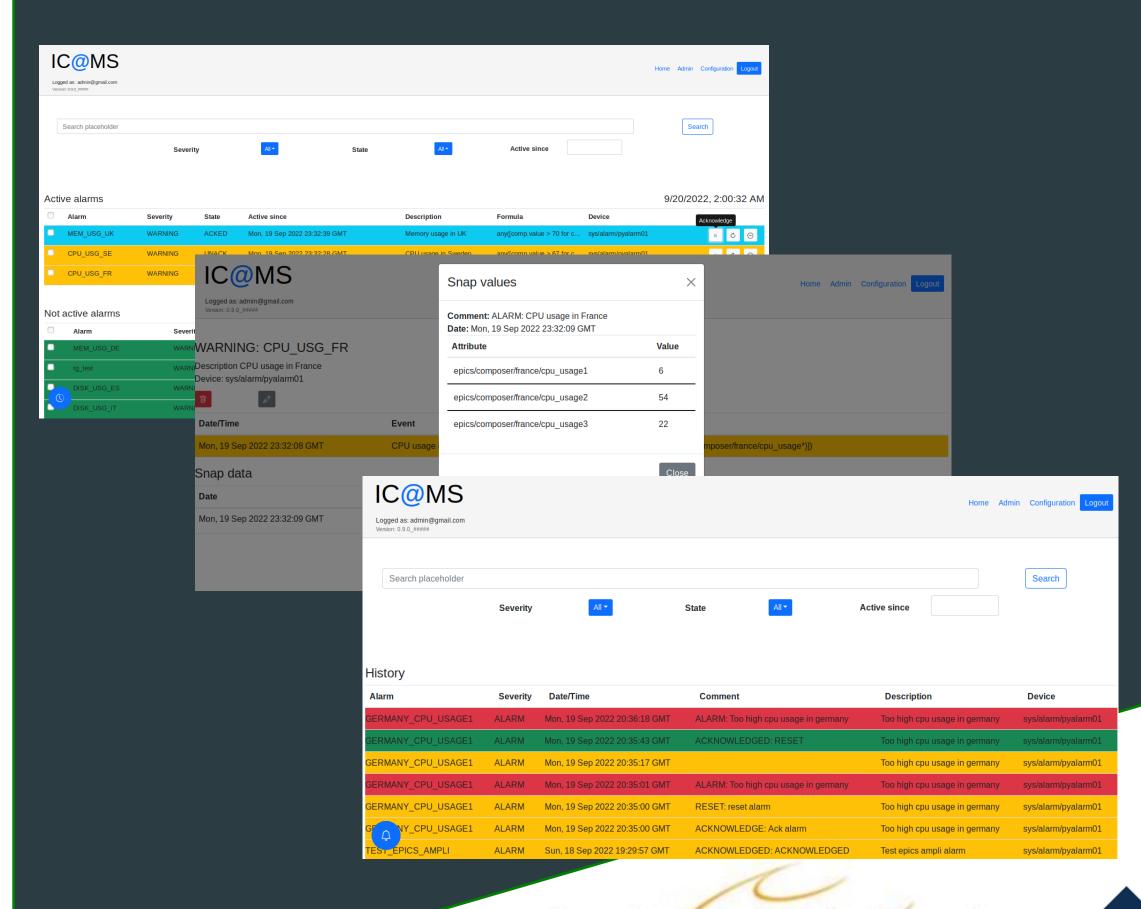
Logging

Why IC@MS?

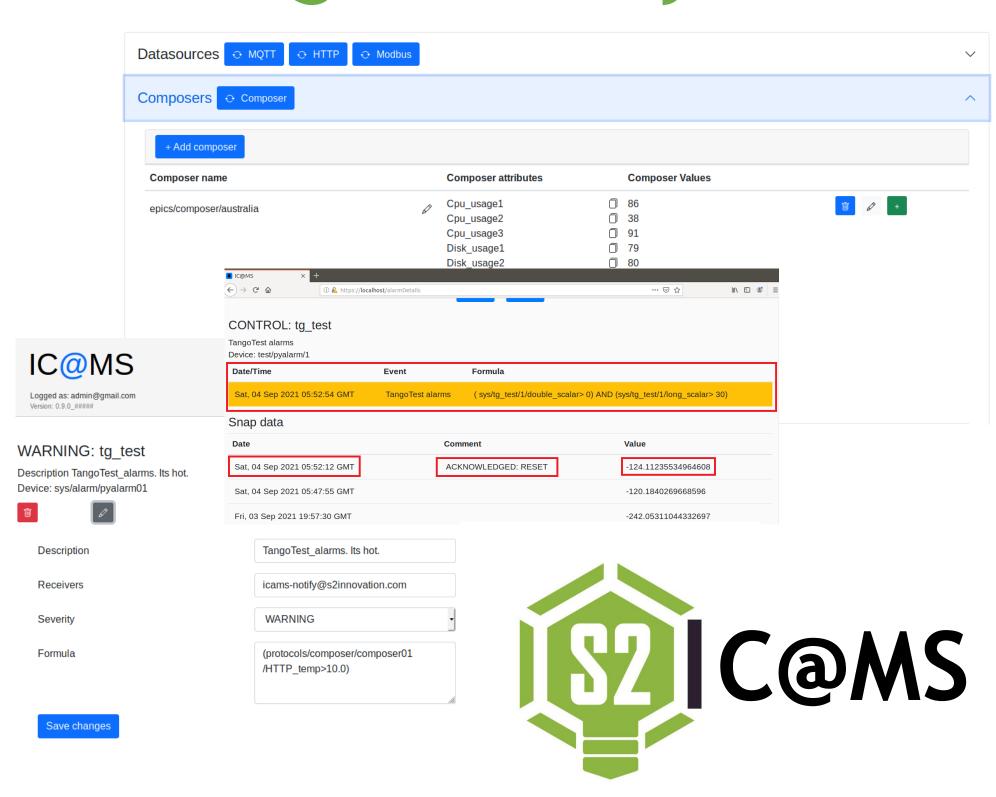
- **PANIC**
- 1. Better user interface for everyday use,
- 2. Access from anywhere through web browser,
- 3. No need to install on the client's computer,
- 4. REST API,
- 5. Multiple access roles,
- 6. Integration with Active Directory (AD),
- 7. SMS, mobile or mail notifications,
- 8. Fast and effective tested with thousands of alarms.

Main features

- 1. Alarms list,
- 2. Managemenet of existing alarms,
- 3. Multiple sources of data: EPICS PV, HTTP, MQTT, ...
- 4. New alarm definition,
- 5. Alarms history browser,
- 6. Multiple searching and filtering options,
- 7. Documented REST API (Swagger).



IC@MS - Integrated, Cloud-ready @larm Management System



EPICS Tango Bridge



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