

DAC System – Newsletter August 2017

[DAC System SA](#) is a supplier of innovative and unique IoT/Monitoring solution for RF-systems. With this Newsletter, we frequently inform our partners, operators and solution providers about the latest market and product developments.

DAC System is proud to announce



*The Safety Warranty for your RF-Broadcast Systems
Protects transmitters, cables and antenna installations!*

The latest innovation of DAC System is the SMART Control functionality. With this functionality, it is possible to control transmitters with SNMP based or relay interfaces. With alarms triggered by the DAC Monitoring Points, the transmitters is switched off, the power can be reduced or switch to maintenance mode. Indoor or outdoor monitoring trigger values can be: exceeding power values, bad return loss or high temperatures at indoor hot spots. SMART Control is built acc. to the need of the broadcast operators to increase the safety in transmitter stations. The failsafe system is working reliable without an IP network. Multiple alarm criteria's are combined to make sure that transmitter switching is only executed, if a serious and significant malfunction in the RF-system exists.

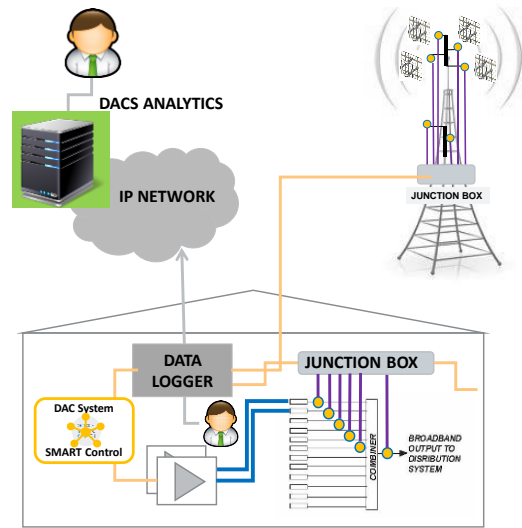
With SMART Control, the operator benefits are:

- Increase safety in broadcast towers
- Protection of infrastructure and made investments
- Prevention from fire and successive damage

DAC System SMART Control



- Increase the safety of the RF-System
- Works independently of the IP network with local intelligence:
 - fast
 - reliable
 - on multiple criteria's
- Integrates results from outdoor and indoor Monitoring Points
 - Return Loss
 - Power Level
 - Hot Spots (Indoor Temp.-Detector)
- Remote Control by DACS Analytics



DAC System continuously develops its products to support operators in managing reliably the broadcast networks and benefit with:

- prevention of downtime of the broadcast services
- reducing the operation and maintenance costs
- the possibility to manage outsourced services (MaaS)
- proving SLA compliance
- increased safety of broadcast towers

Product Overview



DACS ANALYTICS
SaaS / In-house installation



ATS – SMART CONTROL
Direct Control of Transmitter via SNMP protocol with rules engine



Existing Transmitters

DATA LOGGER 2.1



ATSB
Automatic Amplifier Switch Box with 8 control outputs

JUNCTION BOX 3.1
One box for up to 16 sensors (daisy chaining is possible)



JUNCTION BOX 4.x
Connection of up to 32 directional couplers or 16 sensors (daisy chaining possible)

SENSOR
One for every antenna and/or splitter input



RF-Detector
One for every measurement point (directional coupler)



Installed third party directional couplers



Outdoor

Indoor

For further information, do not hesitate to contact us! [Pietro Casati](#)