

MTCA hardware management integration into the DOOCS control system.

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The Micro Telecommunications Computing Architecture (MTCA) standard provides extensive management, monitoring and diagnostics functionality. The hardware management is based on the Intelligent Platform Management Interface (IPMI). N.A.T provides Java based GUI for visualisation and management of single MTCA crates. The integration of IPMI interface into DOOCS system gives the possibility to monitor and control hundreds of crates and modules during operation. A DOOCS server communicates to MCH via IPMI over LAN interface and provides overall management functionality for the DOOCS control system.

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