

TSM Monitoring at CERN

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The TSM server network at CERN - with its 17 TSM servers in production, 30 drives, ~1300 client nodes and ~4 PB of data - often needs an overwhelming amount of effort to be properly managed by the few TSM administrators.

Hence, the need for a central monitoring system able to cope with the increasing number of servers, client nodes and volumes. We will discuss our approach to this issue, focusing on TSMMS, a TSM Monitoring System developed in-house, able to give an effective view of the needs and status of the network and of the individual servers, as well as statistics and usage reports.

Avoiding repetitive error-prone manual checks, TSM admins are able to manage the whole TSM system just by looking at the periodic reports, and taking appropriate action.

TSMMS scales seamlessly with the enlargement of the network, thus saving the cost of additional administrative personnel.

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