Contribution ID : **14**   Type : **not specified**

EPICS Archiver Appliance in connection with a StrongBox storage gateway

Sunday, 18 October 2015 11:20 (20)

We run the Epics Archiver Appliance (http://epicsarchiverap.sourceforge.net) at the Fritz-Haber-Institut. The appliance runs right now as a cluster on two server systems.

The servers are connected to different networks to collect all EPICS-PV-data from different experiments distributed in the whole institute.

As long time storage (LTS) a storage gateway (StrongBox) is used to enable storage cost optimization. StrongBox is using tapes (LTO 5 & 6) as archive/long-term storage media. The self-describing LTFS is used. So no properitary software is necessary to access the data on the tapes.

I will introduce the assembly and will give some performance data.

I want to discuss some open issues regarding the retrieval and management of the archiver appliance.

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