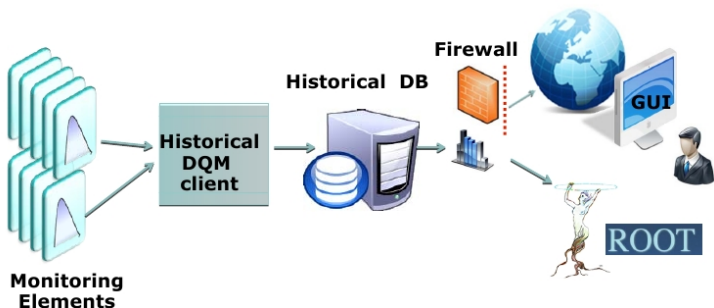


Historic Plotting Tool for Data Quality Monitoring

- ▶ The size and complexity of the CMS detector makes the Data Quality Monitoring (DQM) system very challenging
- ▶ We describe a tool allowing to monitor the detector performance over time: the so called History DQM

History DQM workflow scheme:



The History DQM:

- ▶ Extracts from the DQM histograms summary informations to be stored in a database
- ▶ Allows their visualization in trend charts
- ▶ Useful tool to asses the data quality

Poster content outline:

- ▶ We describe the architecture and implementation of the History DQM tool
- ▶ We report preliminary experience from the Cosmic Data taking of CMS in Autumn of 2008