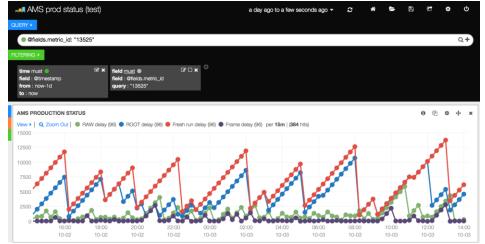# Evolution of Monitoring System for AMS Science Operation Center
B. Shan et al, Beihang University

- Legacy SOC monitoring tools provide powerful functions but "fragmented"

- Based on the monitoring infrastructure provided by CERN, a monitoring system for SOC is designed:

  – Glance view of SOC status

  – Web accessible

  – Automatic notification

- Trouble shooting assistant

  – Experiences from experts are extracted into rules and stored into database, expandable

  – Automatic trouble shooting attempt is carried out in case of issues

  – Manual interventions act as feedbacks to existing rules