Evolution of Monitoring System for AMS Science Operation Center
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• 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