

# AMS Data Production facilities at Science Operation Center (SOC) at CERN

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- Data Production is undertaken by SOC computing infrastructure which includes SOC own computing resources as well as CERN dedicated computing resources, rented by AMS experiment
- Data Production is build around AMS production server linking together a set of programming modules for science data de-framing and reconstruction
- The operation mode of Data Production is highly automated and normally does not require human intervention

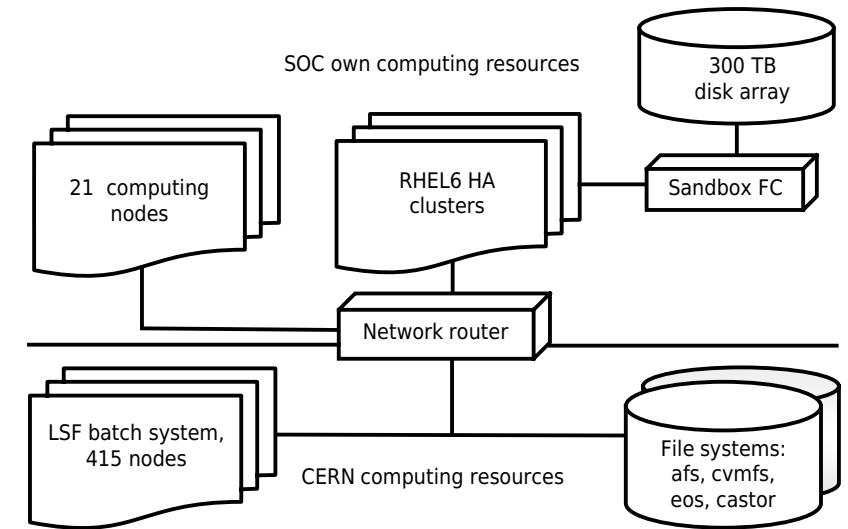


Figure 1. SOC infrastructure

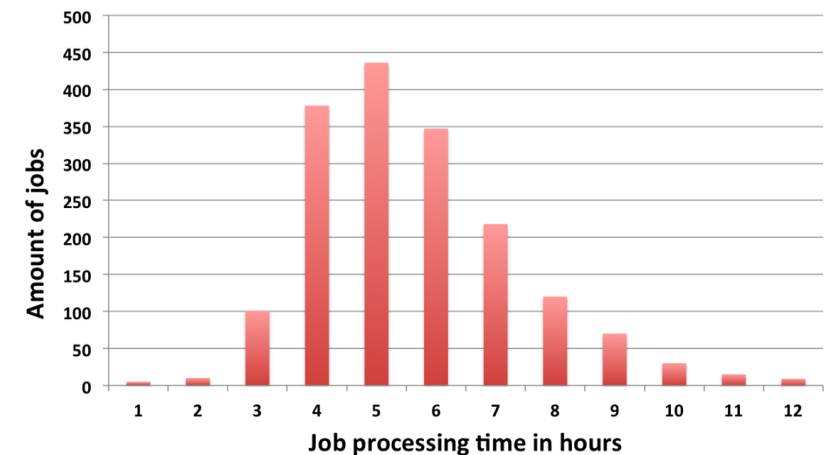


Figure 2. First production in Sep.2016