The production management system is designed based on the deterministic finite automaton model which ensures the computing resources are always filled by production jobs.

It is implemented by script languages and Linux built-in database, which makes the deployment and customization fast and easy.

The recent development of the system includes the integration of OSG resources, and automatic diagnostics on OSG sites and hosts.

The system has been deployed in most of AMS remote computing centers and used for daily production management.