

A major automotive company in China

IBM Tivoli software helps company improve operating stability, production efficiency and ROI

Overview

The need

This automotive company could not efficiently schedule and manage a large number of jobs within multiple software environments, and it needed an automated workload-management solution to increase operating efficiency.

The solution

The company deployed a suite of IBM® Tivoli® software for workload scheduling, including SAP workloads, and dynamic workload brokering in its production environment.

The benefit

With a centralized view of workload schedules and dependencies, the company reduced the total time required to orchestrate jobs by one hour per operator per day.

Based in China, this company manufactures and sells multiple brands of automobiles in mainland China.

Large, complex workloads

Numerous jobs with complex dependencies run on multiple platforms at this automotive company. Scheduling and managing those jobs was a challenge, given the limited capabilities of the company's proprietary scheduling software and the largely manual processes in place for setting job schedules, monitoring job statuses and importing job attributes and dependencies within the company's SAP ERP, database, Java and IBM InfoSphere® DataStage® software environments. The company needed an automated workload-management solution to increase operating efficiency.

Today, a suite of IBM Tivoli workload management tools helps this automobile manufacturer automate previously manual processes for managing job attributes and dependencies on nearly 800 production jobs on its four SAP systems. "We've virtually eliminated all errors and bottlenecks related to manual workload management processes."



Automating workload management

The automotive company engaged IBM Software Services for Tivoli to implement a suite of IBM Tivoli workload automation software, first replacing its proprietary job scheduler software with IBM Tivoli Workload Scheduler software to schedule jobs across all platforms in the enterprise. It then deployed IBM Tivoli Dynamic Workload Broker software to schedule dynamic jobs and IBM Tivoli Workload Scheduler for Applications software to schedule SAP ERP application jobs in the core production environment.

Improving efficiency and stability

With the ability to centrally monitor and control workload scheduling, the company can run jobs in an orderly and timely way without conflict, while balancing resources and extending sophisticated workload automation to business applications. The company now has a fully automated and simplified workload-management solution for its core production systems. As a result, the company has significantly improved its workload-management processes, business operating stability and production efficiency, thereby reducing the total time required to orchestrate jobs by one hour per operator per day.

Solution components

Software

- IBM® Tivoli® Workload Scheduler
- IBM Tivoli Workload Scheduler for Applications
- IBM Tivoli Dynamic Workload Broker

Services

- IBM Software Services for Tivoli

For more information

To learn more about IBM Tivoli Workload Scheduler, IBM Tivoli Workload Scheduler for Applications and IBM Tivoli Dynamic Workload Broker software, please contact your IBM marketing representative or IBM Business Partner, or visit the following websites:

ibm.com/software/products/tivoworksche

ibm.com/software/products/tivoworkscheforappl

ibm.com/software/tivoli/products/dynamic-workload-broker/features.html



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