National Electric Vehicle Sweden: Accelerating Global Electrical Car Production with SAP S/4HANA®

Sales of electric vehicles are predicted to reach 41 million by 2040 – almost 90 times the figure for 2015. National Electric Vehicle Sweden (NEVS) plans to be at the forefront of this new world of connected mobility. Its vision is to provide a global portfolio of mobility solutions, sustainable city offerings, and fully electric premium cars, with production beginning in 2017.

To reach this goal, NEVS chose SAP S/4HANA® and SAP® for Automotive solutions, designed, built, and operated in partnership with Hewlett Packard Enterprise (HPE) Applications Services and infrastructure technology teams. It's helped NEVS to create a global, standardized, and integrated manufacturing IT platform serving both its existing manufacturing plant in Sweden and a new plant in China. With SAP S/4HANA, NEVS can achieve full control and planning of its entire value chain, from incoming orders to the final product – a finished vehicle – providing users with greater visibility and control into the supply chain process from beginning to end.

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Hewlett Packard Enterprise

NEVS

NEVS expands with SAP S/4HANA®

Company
National Electric Vehicle Sweden AB (NEVS)

Headquarters
Trollhättan, Sweden

Industry
Automotive

Products and Services
Engineering and manufacturing of electric vehicles

Employees
600

Web Site
www.nevs.com/en

Partner
Hewlett Packard Enterprise
www.hpe.com

Objectives

- Robust order-to-delivery chain to support electric car manufacturing in a new China plant and enable car body production in the existing Sweden plant while modernizing IT for financials and procurement in both countries
- Financial and operational visibility and transparency throughout the company with integrated systems covering processes from incoming order to delivery of the car

Why SAP

- Ability of SAP S/4HANA® and SAP for Automotive solutions to manage high complexity, high volume car manufacturing
- Partnership with Hewlett Packard Enterprise, which has a vast global presence and extensive industry experience

Resolution

- Created a business-processes blueprint for the order-to-delivery chain across plants globally based on HPE's proven templates for SAP for Automotive solutions
- Integrated the legacy system and SAP® software to enable a quick start of production in the Sweden plant
- Leverage SAP Fiori® apps for simple transactions like approvals

Benefits

- Robust, cost-effective, and fully operational global vehicle manufacturing capability with unified group-wide business processes aligned to NEVS business plans and strategic direction
- Integration of new Chinese plant with full performance transparency
- Transformation into a modern manufacturing business prepared for growth

"Understanding all aspects of the cost of development from end to end is crucial, and SAP S/4HANA offers many advantages we can capitalize on. After all, being in tune with the marketplace – and adjusting your cost base accordingly – is invaluable."
Mattias Bergman, President, National Electric Vehicle Sweden AB

Robust

IT platform to support global expansion

Unified

Group-wide business processes

Modern

Order-to-delivery process chain

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