

Preliminary concept Introducing Warehouse Management System



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Client	Nokia
Subject	Systems engineering with a focus on mechatronics
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Initial situation (max. 300 characters)

Nokia has a significant presence in Oulu/Finland, known as the "Home of Radio". The site combines research, development and production of radio technologies in a unique environment. It is considered one of the most important radio research hotspots in the world. At Nokia in Oulu, several teams work closely together, including R&D, test labs and production. A particular focus is the development of prototypes for 5G antennas and related components.

The company is currently building a new campus in Oulu. It is expected to be completed in 2025. This campus will enable Nokia to continue to research, innovate and develop at the forefront of 5G technology. Unlike the current situation where there are several separate warehouses on the current site, the new campus will have one common warehouse. This will be efficiently managed by a powerful Warehouse Management System (WMS) software.

The WMS not only optimises the receipt of goods from the various departmental software systems. It also enables accurate inventory management for all direct and indirect purchases. As a result, the materials management and distribution process on the new campus will be smoother and more efficient.