

IMPLEMENTASI *TRANSPORTATION MANAGEMENT SYSTEM* DI PT WINGS SURYA SURABAYA

Josiah Kelvin Wijaya
Manajemen Jejaring Bisnis

Juliani Dyah Trisnawati
Siti Rahayu

ABSTRAK

Globalisasi dan perkembangan teknologi informasi telah membawa dampak signifikan pada dunia bisnis, termasuk industri manufaktur. Persaingan yang semakin ketat menuntut perusahaan untuk mengelola rantai pasok secara efektif dan efisien. PT Wings Surya, sebagai salah satu perusahaan manufaktur dan distribusi terkemuka di Indonesia, telah mengimplementasikan *Transportation Management System (TMS)* untuk meningkatkan kinerja distribusi. Penelitian ini dilakukan selama kegiatan magang di PT Wings Surya, yang berfokus pada implementasi sistem *Transportation Management System (TMS) ORCHESTRA* untuk mengoptimalkan proses pengiriman barang dan mencapai target *lead time*. Tujuan penelitian ini adalah untuk mengevaluasi efektivitas TMS ORCHESTRA dalam meningkatkan efisiensi pengiriman dan mengidentifikasi faktor-faktor yang mempengaruhi ketercapaian target *lead time*. Rekomendasi yang diberikan mencakup peningkatan sistem monitoring dan evaluasi rute, serta pelatihan bagi karyawan untuk mengoptimalkan penggunaan TMS ORCHESTRA. Penelitian ini memberikan kontribusi penting bagi PT Wings Surya dalam upaya meningkatkan kinerja operasional dan daya saing melalui pengelolaan rantai pasok yang lebih efisien dan responsif terhadap perubahan lingkungan dan permintaan pasar.

Kata kunci: *lead time, transportation management system, efisiensi pengiriman*

IMPLEMENTATION TRANSPORTATION MANAGEMENT SYSTEM AT THE PT WINGS SURYA SURABAYA

Josiah Kelvin Wijaya
Supply Chain Management

Jualini Dyah Trisnawati
Siti Rahayu

ABSTRACT

Globalization and the development of information technology have had a significant impact on the business world, including the manufacturing industry. Increased competition requires companies to manage supply chains effectively and efficiently. PT Wings Surya, as one of the leading manufacturing and distribution companies in Indonesia, has implemented a Transportation Management System (TMS) to improve distribution performance. This research was conducted during my internship at PT Wings Surya, focusing on the implementation of ORCHESTRA's Transportation Management System (TMS) to optimize the delivery process and achieve the target lead time.

The purpose of this research is to evaluate the effectiveness of ORCHESTRA's TMS in improving delivery efficiency and identify factors that affect the achievement of lead time targets. Recommendations include improving the route monitoring and evaluation system, as well as training for employees to optimize the use of TMS ORCHESTRA. This research provides an important contribution to PT Wings Surya in an effort to improve operational performance and competitiveness through more efficient supply chain management that is responsive to environmental changes and market demand.

Keywords: lead time, transportation management system, delivery efficiency