

**PENGUKURAN DAN PERBAIKAN *KINERJA SUPPLY CHAIN*  
MANAGEMENT DENGAN PENERAPAN SCOR AHP DI PT. ERATEX  
DJAJA TBK**

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**ABSTRAK**

Struktur *supply chain* yang kompleks dan melibatkan banyak pihak baik internal maupun eksternal perusahaan akan menimbulkan permasalahan jika pihak perusahaan tidak mengetahui bagaimana kinerja *supply chain* telah tercapai. *Supply chain* yang dilakukan dengan baik dapat menghasilkan produk yang murah, berkualitas, dan cepat. Pada tugas akhir ini dilakukan pengukuran terhadap kinerja *supply chain* dengan penerapan metode *supply chain operation reference* (SCOR) dan *analytical hierarchy process* (AHP).

SCOR mendefinisikan metrik-metrik yang sesuai dengan kondisi *real* perusahaan yang terdapat 3 metrik yang diukur yaitu *reliability*, *responsiveness*, *flexibility*, dan mencari bobot kriteria menggunakan AHP serta *scoring system* dengan OMAX untuk mengetahui nilai performa tiap indikator.

Dari 20 *Key Performance Indicator* (KPI) yang teridentifikasi terdapat 3 KPI yang berwarna merah (buruk), 6 KPI yang berwarna kuning (baik), dan 11 KPI yang berwarna hijau (sangat baik). Hasil *scoring* dengan menggunakan *objective matrix* (OMAX) diperoleh nilai kerja sebesar 6,429 nilai index tersebut dalam kategori kuning (baik) sehingga dapat disimpulkan bahwa kinerja PT. Eratex Djaja Tbk. secara keseluruhan sudah baik namun, perlu dilakukan perbaikan untuk meningkatkan kinerja PT. Eratex Djaja Tbk tersebut.

**Kata kunci :** *Supply Chain Managemnt, Analytical Hierarchy Process* (AHP),  
*Objective Matrix* (OMAX., *Key Performance Indicator* (KPI)

**MEASUREMENT AND IMPROVEMENT OF SUPPLY CHAIN  
MANAGEMENT PERFORMANCE WITH THE APPLICATION OF THE  
SCOR AHP IN PT. ERATEX DJAJA TBK**

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**ABSTRACT**

*Complex supply chain structure and involving many parties, both internal and external, will cause problems if the company does not know how supply chain performance has been achieved. Well-done supply chains can produce cheap, quality, and fast products. In this final project, we measure supply chain performance by applying supply chain operation reference (SCOR) and analytical hierarchy process (AHP) methods.*

*SCOR defines metrics that are in accordance with the real condition of the company that there are 3 metrics measured, namely reliability, responsiveness, flexibility, and looking for criteria weights using AHP and scoring system with OMAX to determine the performance value of each indicator.*

*Of the 20 Key Performance Indicators (KPIs) identified there are 3 KPIs that are red (bad), 6 KPIs that are yellow (good), and 11 KPIs that are green (very good). Scoring results using objective matrix (OMAX) obtained a work value of 6.429 the index value in the yellow category (good) so that it can be concluded that the performance of PT. Eratex Djaja Tbk. overall it is good, but it needs to be improved to improve the performance of PT. Eratex Djaja Tbk.*

**Keywords :** *Supply Chain Managemnt, Analytical Hierarchy Process (AHP), Objective Matrix (OMAX), Key Performance Indicator (KPI)*

