PROCESS OPTIMIZATION ON LAND AND WATER

The **Port of Patras is the gateway to Europe** and one of the most modern ports in the Mediterranean. With its infrastructure, state-of-theart cruise terminal and integrated health care, it exceeds all requirements. Here, **soffico GmbH takes over the document management system** - and with it a major task: By means of an EDI solution, the industrial software enables **digital data exchange and creates process automations**. This not only increases efficiency and productivity, but also reduces error transmissions.

EDI-Software – Explanation & Definition

EDI stands for **"Electronic Data Interchange"**. But how does EDI and an EDI interface work and what distinguishes an EDI solution from an API? **An EDI solution is responsible for the electronic data exchange of entities** – i.e., business documents, such as delivery bills, business documents, quarterly figures, etc. – between companies. EDI replaces and digitizes virtually all paper traffic, thereby automating processes. This provides a company with more effectiveness and efficiency. The goal of EDI is to automate processes with a high volume of documents completely in the background through electronic data exchange between business partners.

EDI procedures also offer the following benefits

■ The customer journey is improved because there is less "paperwork" and everything can be handled digitally – including simple orders, even for major customers

■ Die EDI saves time and money through process automation without paper.

■ Even human error no longer has a major impact on data transmission.

■ Error transmissions are reduced by using standardized file formats.

Orchestra
SUCCESS STORY

ΟΡΓΑΝΙΣΜΟΣ ΛΙΜΕΝΟΣ
ΠΑΤΡΩΝ Α.Ε.

Challenges at Port Patras

On the **way towards Industry 4.0,** some hurdles have to be overcome. A modern company must be flexible, digitize processes and continuously adapt and optimize processes. This includes:

- Increasing productivity as well as reducing operating costs.

- Improving IT system utilization

- Encryption of personal data in the cloud

- Optimization of organizational and IT-relevant processes

- Establishment of an IT system to support planning controls

- Implementation of EU Directive 65

Electronic transfer using standard file format can make **processes more efficient and eliminate steps**, making companies **more competitive and automating** both internal and external processes.

How was the project implemented?

The **implementation of the EDI solution at the Greek central port** included important steps to achieve the goal – an error-free exchange of information and data between the port's internal systems:

- Establishment of a "Single Point Of Entry" to manage a service-oriented architecture.

- Development of a system to identify disruptive factors to increase reliability.

- Process configuration and transformation without complex programming.

- Development of role-based apps that can be called directly via web service to control production data and monitor the database.

- Improvements of the data exchange in EDIFACT / XML.

You want to learn more?

If you have any personal or further questions about this success story, our experts will be happy to help you. We would also be happy to present Orchestra to you personally in a live demo!

Learn more about our products!

Rica Holzmann
Sales & Partnermanagement

t: +49 821 455 901 47
e: rica.holzmann@soffico.de

Sarah Blomeier
Sales & Partnermanagement

t: +49 821 455 901 67
e: sarah.blomeier@soffico.de