Poland KSeF

Business Case

Turning Extreme Invoice Complexity into KSeF Compliance

KGT
Global Tax Applications

The Challenge

An international logistics provider faced significant challenges in meeting KSeF requirements for a specific group of customers.

For a subset of customers, their outgoing invoices contained extremely high numbers of line items, in some cases reaching up to 3,000 per invoice.

The client relied on a specific custom-developed extraction program within SAP. However, the sheer volume of line items caused serious performance and runtime issues during extraction. As a result, not only these complex invoices failed, but other invoices in the same processing run were also impacted, creating operational and compliance risks.

KGT’s Solution

KGT performed a detailed technical and functional analysis of the extraction process, evaluating multiple solution paths with a strong focus on performance, stability, and control integrity.

KGT designed a targeted solution specifically for invoices with extreme line-item volumes. This approach:

- Isolated high-impact invoices from the standard extraction flow
- Significantly improved performance without introducing new control risks
- Preserved the integrity of the existing tax and audit framework
- Develop a parallel extraction program which the customer can use as a back-up

In parallel, the client optimized its SAP class program to further enhance efficiency and reduce processing time.

This combined solution ensured scalability while preserving existing control frameworks and audit requirements.

The Results

The redesigned extraction logic successfully resolved performance bottlenecks during testing.

The solution is fully validated for production use and limits any remaining performance considerations strictly to customers with exceptionally large invoices — a known, controlled, and manageable scenario.

The Impact

- Reliable KSeF compliance, even for invoices with extreme
  line- item complexity
- Improved system performance and operational stability
- Reduced risk of processing delays affecting other invoices
- Scalable architecture ready for future growth and increasing data volumes

This case demonstrates how KGT combines deep SAP expertise with pragmatic tax technology design to deliver robust, SAP-integrated e-invoicing solutions for even the most demanding business scenarios, including extreme data volumes.

About KGT

KGT is a specialized consultancy firm that helps organizations navigate the intersection of SAP technology and tax compliance. By combining deep tax expertise with strong SAP technical knowledge, KGT delivers SAP-embedded solutions that simplify regulatory processes, ensure compliance, and improve system efficiency.

In addition to custom SAP add-ons, KGT supports clients with end-to-end consultancy, including SAP DRC implementations, SAP VAT health checks, process optimisation, ABAP development, and performance improvements.

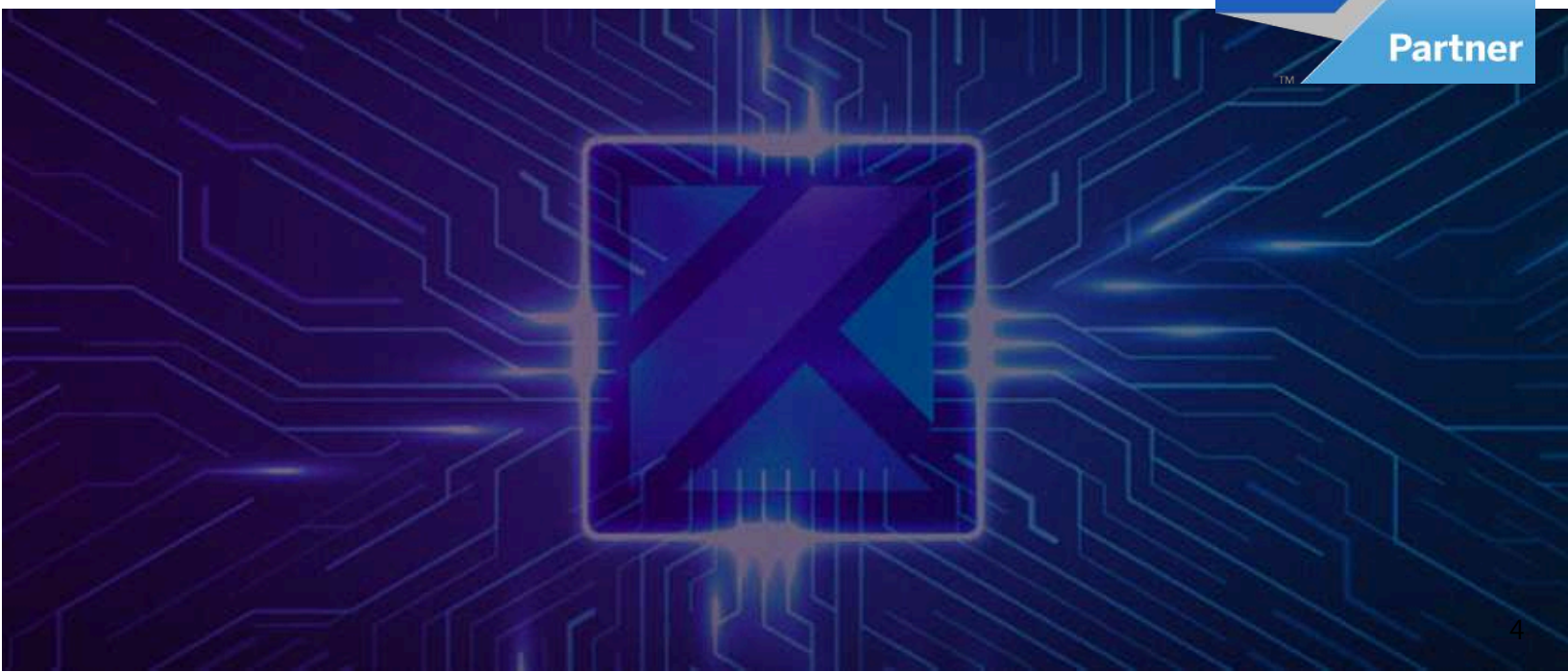
Clients work directly with experienced specialists who manage both analysis and implementation, delivering measurable and sustainable results. Recognized as an SAP Build and PE Services partner, KGT positions itself as a long-term partner that helps organizations reduce risk, enhance transparency, and turn SAP complexity into a driver of stronger business performance.

Connect with **KGT**

www.kgtapplications.com

salessupport@kgtapplications.com

youtube.com/@KGTApplications

KGT@linkedin.com

KGT@partnerfinder.sap