



RFID Assessment

Your startup package for process optimization through transponder technology

Increasingly today, products and raw materials are being accompanied around the world by tiny, inconspicuous chips. They are found on freight containers filled with textiles, corrugated boxes containing consumer electronics, and pallets piled high with spare parts. Wirelessly and without contact, these chips transmit information on storage and transit times, on the products or materials themselves, their point of origin, and their destination. The technology used by more and more companies to improve their links with customers and suppliers – not to mention productivity and profits – is called Radio Frequency Identification, or RFID for short.

RFID provides plenty of information, but it can't tell you how to improve your company's business processes. With RFID Assessment, Siemens IT Solutions and Services gives you a tried-and-tested analytical tool which can help you reveal hidden potential, identify and evaluate different options, and give you a concrete procedure for implementing improvements.

Your needs

- You want to optimize your inventory management and production control or introduce batch tracing.
- You want to improve processes for incoming and outgoing goods or reduce inventory time.
- You're looking for a seamless system providing effective protection against counterfeiting.
- You're looking for ways to save time and money along your supply chain.
- You would like a more transparent product or material flow.
- You want to integrate all your company's activities into your supply chain: service, maintenance, transport, warehousing, logistics, quality assurance, production, administration.
- You want a supply chain solution that will integrate suppliers and customers to promote customer loyalty.
- You want an independent, objective audit of your supply chain.
- You expect supplier-independent advice and want an accurate estimate of return on investment (ROI) before making your hardware and software decisions.

Your benefits

Our RFID Assessment allows you to realistically assess the opportunities for the use of RFID technology within your supply chain. It gives you not only a sound „as is“ analysis of your supply chain and an assessment of the improvement potential, but also a clear impression of the most suitable measures for your company. And on completion, you receive a detailed step-by-step plan for implementing the selected measures.

Your benefits in detail:

- Fast, efficient analysis of all major processes involved in your supply chain
- Clearly mapped-out agenda for the phased realization of improvement potential
- A clear understanding of the strengths and weaknesses of your logistics processes
- Overall view of your supply chain processes, including those involving business partners
- Clearly recognizable benefits in terms of links with customers and suppliers
- Transparency of investment costs
- Enhanced information base without the old media incompatibilities
- Quantifiable benefits for your entire company

Potential application areas

The use of RFID technology allows you to combine data transfer with the flow of your products and materials. Shorter processing times, greater transparency and improved security all add up to cost savings. And this effect is compounded when a chip accompanies an item through several stages of its travels. The use of chips along the complete supply chain between several different companies (chip-sharing approach) allows all parties involved to share these benefits not to mention the costs incurred. At the same time, you become more closely involved with your customers, which is a crucial competitive factor in today's marketplace.

Our offering

Our consulting service consists of a six-step assessment that can be carried out in around a week.

1. Understanding the situation

Appraisal of the current situation and focus on future requirements in terms of processes, organizations and technologies

2. Identifying the need for action

Identification of improvement potential in the various areas and comparison with relevant industry benchmarks

3. Evaluating potential

Evaluation of the impact of corporate strategy and trends in technology on your future business

4. Prioritizing activities

Prioritization of suitable activities and selection of „low-hanging fruit“

5. Implementation planning

Preparation of a detailed, multi-phased implementation plan

6. Concluding presentation

On completion of the assessment, we present the results to your decision-makers, discuss the options and consequences with them, and derive suitable measures for joint planning.

Our service

Our goals are the rapid optimization of your supply-chain processes, improvement of links with customers and suppliers, and enhancement of your company's competitive edge by harvesting "low-hanging fruits".

As a long-standing partner of companies in the retail, manufacturing and utility industries, we offer in-depth expertise in the field of RFID systems and transponder technology, as well as process and business consulting.

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