RFID BEST PRACTICE

HOW COMPANIES USE RFID IN MAINTENANCE

OUR IN-DEPTH CASE STUDIES WILL ANSWER THE FOLLOWING QUESTIONS:
› For which business processes is RFID most suitable?
› How is RFID practically applied in maintenance?
› What are the benefits of using RFID in maintenance?
› How much do maintenance RFID solutions cost?
› How fast can an RFID solution be implemented today?
› What challenges can arise during implementation and how can you avoid them?
› How does the introduction of RFID change maintenance processes?
› What are the key factors for a successful adoption of RFID?
› What technologies are relevant to RFID?
› Who provides maintenance RFID solutions?
› What is the business case for adopting RFID in maintenance?

WHO SHOULD READ THIS STUDY?
This study is primarily aimed at companies that need intelligent maintenance due to capital intensive equipment and machinery. This includes companies in the following industries:
› Chemicals and petrochemicals
› Pharmaceuticals
› Food and beverages
› Paper
› Plastics
› Energy
› Waste
› Automotive
› Aerospace
› Shipbuilding
› Mining
› Public utilities

BENEFITS
› CONCRETE AND PRACTICAL EXAMPLES OF RFID IMPLEMENTATIONS
› COST-BENEFIT ANALYSIS OF RFID APPLICATIONS
› ANALYSIS OF THE IMPACT OF RFID ON MAINTENANCE PROCESSES

IN COOPERATION WITH
STUDY OBJECTIVES AND BENEFITS

Today, RFID technology is both advanced and widespread enough to either complement or even substitute barcode solutions. RFID solutions have been adopted in industries of all kinds, supporting many different processes within companies and throughout the whole supply chain. Even though the possibilities of RFID are well known by now, many questions remain when it comes to its practical implementation. Current data about the use and value of RFID in real life are hard to come by, especially in maintenance. The objective of this study is to fill this gap. A large part of the study will consist of case studies with concrete examples of how RFID is used in maintenance today. For the first time, the maintenance industry can gain in-depth and useful insights into the possibilities offered by RFID technology. The study allows you to evaluate whether RFID is suitable for your company and what costs and benefits you can expect.

METHODOLOGY

The research is based upon a variety of quantitative and qualitative techniques, including:

› A comprehensive analysis of currently available data on RFID from the specialist/trade press, internal and external (public/open access) databases, and the internet.
› An extensive online survey of providers and users of RFID in maintenance.
› In-depth interviews with companies who have adopted RFID for maintenance functions. The semi-structured interviews were conducted by telephone and formed the basis for the selection/presentation of case studies relevant to each business process.
› Where possible, collaboration with research institutes and research groups.

This combination of methods allows both a comprehensive and a detailed analysis of the use of RFID in maintenance.

T.A. COOK RESEARCH & STUDIES

Our research team
The Research & Studies division conducts detailed market and company analyses in the area of Asset Performance Management. The focus of the team is to systematically investigate and clarify current market concerns and requirements as well as anticipated developments and their consequences for market players. As well as studies on topical issues, we compile trend reports and continually expand our database of specialised knowledge, which can be applied to each study as needed.

The company
T.A. Cook is a management consulting firm focusing on Asset Performance Management with offices in Berlin, Birmingham, London, Raleigh and Rio de Janeiro. Complementing the consulting business, the T.A. Cook Academy has become a leading organiser of international conferences and seminars relating to Asset Performance Management. Annual events include the MainDays summit as well as conferences centred on topics such as Shutdowns & Turnarounds and Capex Management.

T.A. Cook’s clients are typically businesses, their suppliers and contractors working with significant industrial assets across multiple sectors. The company has particular expertise in the petrochemicals, plastics, pharmaceutical, transport, mining and food sectors as well as excellent knowledge of the regulated environments occupied by gas, water and electricity utilities.

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      2.2.1 Areas of application
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   > Future plans for RFID

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   4.1 Cost-benefit models for specific application areas
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6. Prospects for development
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- I would like to order 3 copies at the price of 1,500 EUR plus VAT.*

* Survey participants get a 10% discount.

**Please inform me about:**

- The opportunity to present our RFID implementation in the study
- The possibility to get a group license at a discount
- Further studies of T.A. Cook

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