Chaos is in the air

Albert Einstein is reputed to have once said: "Order is needed by the ignorant but it takes a genius to master chaos." In fact, this quote perfectly describes how our colleagues manage construction sites around the globe – supported by an intuitive app!

(AL) **Annette Link**, **Stefanie Hommes**
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These times are definitely over: To manage its material flows, Siemens Mobility Logistics now deploys an intuitive app: Insite LMS, which recently won the coveted Siemens Mobility Supplier Award!

or its numerous infrastructure projects worldwide, Siemens Mobility Logistics relies on digitalization rather than loose papers: Since 2016, our Logistics colleagues have been working with the Logistics

FManagement System (LMS) from Insite IT. The app provides full control over all the materials and logistics processes, enabling our colleagues to oversee the progress of the whole construction site in real time. This ensures that every employee knows exactly what to do. So it came as no surprise that the tool and its designer were honored with the Siemens Mobility Supplier Award in the "Logistics Performance" category.

At the Supplier Award in September: From left to right: Sabrina Späth, Carsten Berger, Florian Altmann (Insite IT), Andreas Simader (Insite IT), Sebastian Heger und Patrick Hoffmann

It's not so long ago that our employees had to leave a note on the door of the site trailer every evening to inform the manager on the work progress – hoping that (s)he would still be able to decipher their handwritten report the next morning... But this chaos of sticky notes and loose papers is finally a thing of the past! Siemens Mobility Logistics is now deploying an intuitive app running on mobile devices and connected to a cloud. The project manager defines all the construction activities on a central cloud platform. The employees execute one task after the other and then use their smartphone to check them off the list. Thus, the whole construction site team can view important progress information in real time.

Before – after: Chaotic paper notes versus a perfect progress list in the Insite LMS app.

SMO Logistics has been using the LMS app of the Austrian software company Insite IT since 2016. The system was used for the first time for transport and material management within the scope of the Riyadh Metro Rail project. "Powerful and easy to use! Material management and movement can be professionally controlled and organized", emphasizes Oussama Tabet, Supply Chain Logistics Manager in the region.
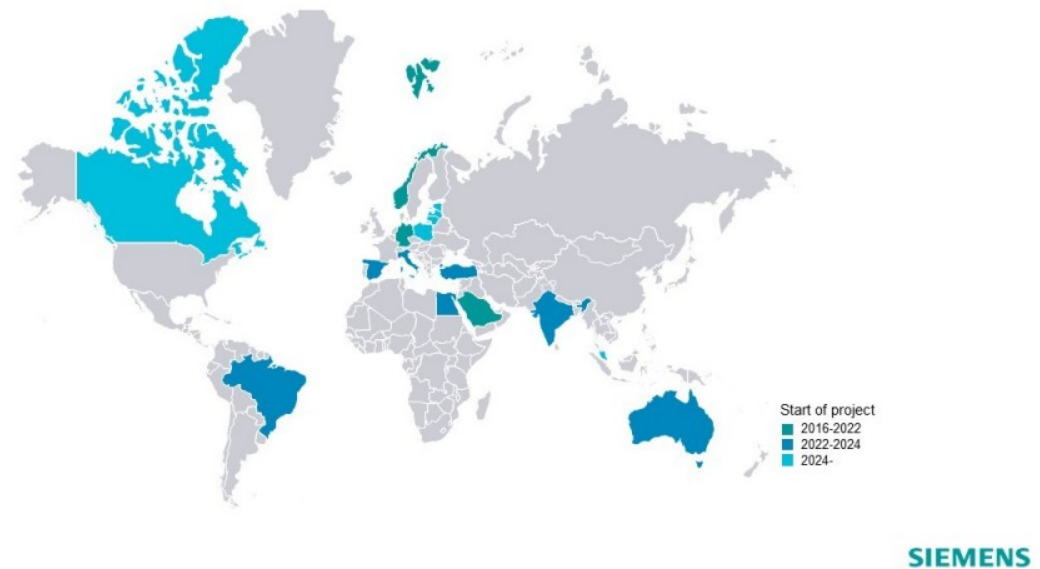
It's fast and uncomplicated: A colleague in Riyadh documenting the delivery of goods in LMS on his tablet: The days when locating goods in the warehouse took endless time are definitely over!

From Riyadh via India and Australia to Brazil

Another benefit of LMS becomes apparent in the Milano L2/L3 project where stakeholders from Italy, Germany and Spain are working closely together. Despite using different SAP systems, all the orders and deliveries can be conveniently stored in a central location in LMS. This provides a comprehensive overview of inventories, reduces communication effort, and saves both time and cost. The warehouse can be operated at optimum capacity and the employees at the construction site always know which materials are available.

In the following years, the platform was continuously developed further. New functions were added, user friendliness improved, and technical capacity increased. The European Rail Traffic Management System (ERTMS) project in Norway focuses on digital processes. For example, how do I automatically get data from SAP or my suppliers into the LMS? The digital solutions are not specifically tailored to the ERTMS project, but can also be used by other projects

worldwide. The result: The teams have much more control, save valuable time when entering data, and achieve a lower error rate. "A logistics system rather than various Excel tables makes my working life so much easier", emphasizes Lisa Kleinert, Logistics Manager responsible for the project.
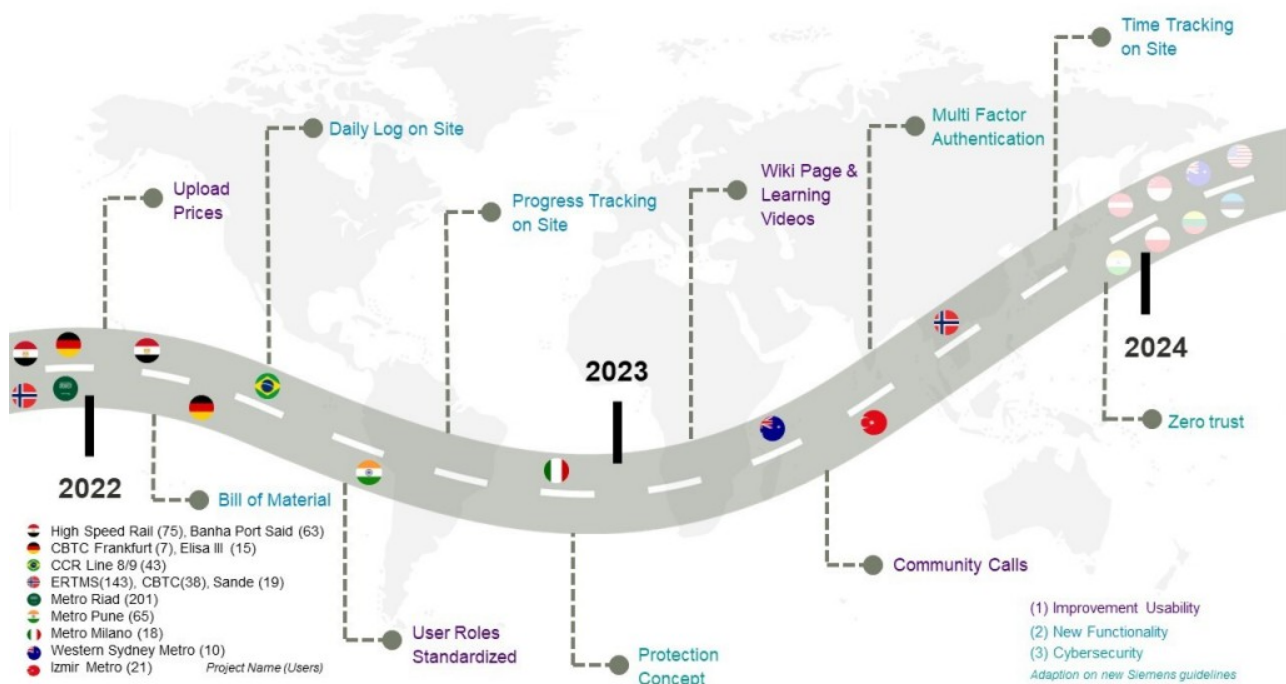

The map illustrates the deployment worldwide, existing projects and projects in set-up

Thanks to the large number of projects, a community has developed and is increasing more and more. So whenever specific questions arise in projects, the colleagues are able to draw from a wealth of experience and obtain help. New functions were continuously added within the scope of subsequent Mobility projects in Brazil, Egypt (from Banha to Port Said), as well as in India, Italy, Germany, and Australia. LMS is now also used for construction progress tracking, site reports, mobile time tracking at the building site, etc. "Being able to track and trace progress in real time via an app is a convenient solution for our projects", Timur Abduraimov from the Siemens eHighway project in Germany comments.

Consistent flow of information in large-scale projects worldwide

Especially for global projects such as the one in Egypt, LMS makes it easier to manage the complex logistical challenges arising whenever several locations, as well as teams and suppliers in different countries, are involved: Providing real-time transparency over the entire supply chain and construction progress, the platform enables the project team to monitor the flow of material supplies, the status of materials on site, as well as the work progress in real time – and share this information via dashboards and reports directly in the tool. This improves coordination and the flow of information worldwide.

LMS project development: new features, ramp-up of countries and users

In addition, LMS enables the comprehensive documentation of materials, deliveries, and work progress with minimal effort. The documentation provides for better communication within the team. Evidence of compliance with quality standards and regulations can be easily provided, and supplemental claim management is simplified accordingly. Furthermore, LMS supports planning and coordination and helps to avoid delays. Thus, it saves costs in large-scale international projects.

Flexible and modular system

Depending on individual preferences and requirements, projects today can choose between a desktop and a tablet version of LMS, or opt for the app.

"Thanks to its modular structure, LMS can be individually used for each project to achieve maximum benefit", explains LMS Project Manager Sabrina Späth, responsible for the further development of the tool. "All in all, Insite LMS supports a holistic approach to managing the specific logistical challenges of national and international construction projects", she summarizes. "It improves efficiency, communication and supply chain control, thus contributing to completing successful projects on schedule and on budget."

The **intuitive user interface** of LMS facilitates usage and acceptance. Both experienced logistics experts and newcomers can operate the platform conveniently. Team members can share information, intensify communication, and identify any bottlenecks at an early stage.

From a detailed perspective, **flexibility** is the most important benefit. Depending on individual requirements, as well as on whether the focus is on logistics or site management and whether a project is large or small: The modules and fields can be specifically customized to the project and all the necessary data can be imported into the tool via Excel. LMS optimizes the utilization of resources, reduces throughput times, and improves coordination. This high level of **transparency and control** helps Mobility to keep track of the overall logistical project at any time. Because one thing is certain: Real-time information on deliveries, inventories, and work progress is a key prerequisite for precise planning and speedy decision making.

Oh, how nice it is when it's Christmas!
I only wish it was Christmas a little more often.
Astrid Lindgren

With this in mind, Strategic Mobility Logistics wishes you a Merry Christmas and a Happy New Year.
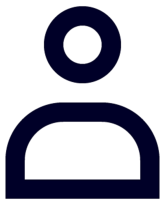

ⓘ Supplier Award for Insite IT

The Austrian software company Insite IT was honored with the Supplier Award in the Logistics Performance category. The Azure cloud platform Logistics Management Systems (LMS) has been extremely valuable to our Logistics colleagues, enabling them to successfully process more than 35,000 units and 120,000 consignments. The number of additional inquiries was thus reduced by more than 75 percent!

ⓘ Insite LMS

Insite IT GmbH focuses on the development and distribution of software for industrial construction sites. The Austrian software company with headquarters in Linz, Austria, and a location in Chicago, United States, develops software solutions for the material and site management of large-scale construction sites. The software aims to make relevant information available in digital form in order to reduce search and downtimes, document any discrepancies, and enhance the quality of management of large-scale projects. Mobility has been deploying Insite LMS on its infrastructure construction sites since 2016. Insite LMS is perfectly suited for managing logistics, materials, and shortages. Data is transmitted via tablet and GPS tracking, optional cloud connection, and location-independent synchronization. Insite LMS is currently being used on major construction sites in more than 80 countries worldwide.

https://www.insite-it.net

Links and contacts

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Links to more information

SMO P LOG Viva Engage Group

SMO P LOG   Sharepoint

Insite LMS – Global Wiki

Siemens Mobility Supplier Awards ceremony

egypt   logistics   smo

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