

Location Based Management: Revolutionizing Construction Project Management

The construction industry is constantly evolving, and new technologies are emerging all the time to help professionals work more efficiently and effectively. One of the most promising technologies in recent years is location based management (LBM).



Location-Based Management for Construction: Planning, scheduling and control by Russell Kenley

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LBM is a technology that uses GPS, RFID (radio frequency identification), and other tracking technologies to track the location of assets, materials, and personnel on a construction site. This information can then be used to improve efficiency, collaboration, and communication.

Benefits of Location Based Management

There are many benefits to using LBM on a construction project. Some of the most notable benefits include:

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- Improved efficiency: LBM can help construction professionals track the location of assets and materials in real time, which can lead to improved efficiency and reduced waste.

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- Enhanced collaboration: LBM can help construction professionals share information about the location of assets and materials with each other, which can lead to improved collaboration and coordination.

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- Increased communication: LBM can help construction professionals communicate with each other more effectively, which can lead to reduced errors and delays.

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- Improved safety: LBM can help construction professionals track the location of personnel on a job site, which can help to improve safety and reduce the risk of accidents.

Key Features of Location Based Management

LBM systems typically include the following key features:

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- GPS or RFID tracking: LBM systems use GPS or RFID tags to track the location of assets and materials on a construction site.

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- Real-time data: LBM systems provide real-time data about the location of assets and materials, which can be accessed by construction professionals through a web interface or mobile app.

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- Asset management: LBM systems can help construction professionals manage assets, including tracking their location, condition, and maintenance history.

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- Workforce management: LBM systems can help construction professionals manage their workforce, including tracking their location, hours worked, and productivity.

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- Reporting and analytics: LBM systems can generate reports and analytics that can help construction professionals identify trends and improve their operations.

Best Practices for Implementing Location Based Management

There are a few best practices that construction professionals should follow when implementing LBM on a project. These best practices include:

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- Start small: Don't try to implement LBM on your entire project all at once. Start with a small pilot project and learn from your experiences.

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- Get buy-in from stakeholders: It's important to get buy-in from all stakeholders on your project before implementing LBM. Explain the benefits of LBM and how it can help them succeed.

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- Choose the right LBM system: There are a number of different LBM systems on the market. Choose a system that fits the needs of your project and budget.

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- Train your team: Make sure your team is properly trained on how to use the LBM system. This will help them get the most out of the system and avoid problems.

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- Monitor your progress: Monitor your progress with LBM and make adjustments as needed. You should be seeing improvements in efficiency, collaboration, and communication.

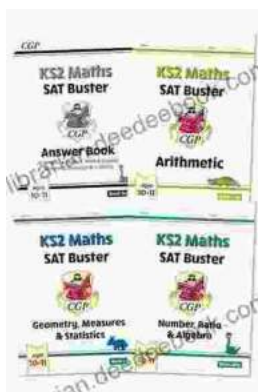
Location based management is a powerful tool that can help construction professionals improve efficiency, collaboration, and communication on complex projects. By following the best practices outlined in this article, you can successfully implement LBM on your project and reap the many benefits it has to offer.



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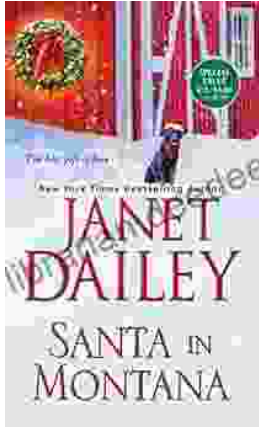
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