

Case study

Kempegowda International Airport leverages digital document management

Airport streamlines planning, construction and asset operation using Asite.

Introduction

Bangalore International Airport Limited (BIAL), the operator of Kempegowda International Airport Bengaluru (BLR Airport), is undergoing expansion to enhance airport capacity. The project includes Terminal 2 expansion, adding aircraft stands, metro stations, and upgrades to existing infrastructure. With multiple projects in various stages, BIAL selected Asite as its information management provider for the next five years to streamline planning, development, and handover processes.

Why BIAL chose Asite

Asite's Common Data Environment (CDE) and in-built forms builder tool delivers customized workflows tailored to BIAL's processes, along with dedicated support for seamless integration.



If we are not using any kind of a system, the primary risk is the loss of information—particularly crucial data needed for future use.

Kishore V Reddy

AGM - Projects, Bangalore International Airport Limited

Challenges

Manual and paper-based project management

Forms were physically passed from table to table, leading to inefficiencies. Paper forms risked being misplaced and approvals were difficult to track without manual follow-ups.

Field reporting limitations

Reporting lacked formal tracking or oversight. Issues raised in the field were not fully monitored or recorded, leading to potential gaps in project management.

Fragmented financial system

Fragmented tools were used for cost tracking and vendor payments, making it difficult to gain a comprehensive overview of project spend.



Before Asite, our task management was done through WhatsApp and an internal service desk application. Now, with Asite, the operations team has successfully implemented a streamlined process, and the team is happy using the platform.

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Solution

Digital information management

- **Document management:** Consultants and contractors submit and review design and execution documents using a structured file system. Documents are reviewed and approved within Asite.
- **Construction and execution:** Contractors use Asite to manage drawings, reviews, and approval workflows, ensuring compliance with project workflows.
- **Reporting and analytics:** Dashboards track project health, and weekly reports are generated from the CDE.

Connecting the field and office

BIAL is reporting on operational issues and landscape issue management using Asite Field. Subcontractors take pictures and upload issues directly through the platform. Previously, reporting relied on WhatsApp, which lacked tracking and official records. Now, BIAL leverage real-time tracking, pending issue monitoring, and Power BI dashboards for insights using Asite.

A central view for financial management

BIAL is exploring Asite's cost module to enhance cost tracking for project execution. Currently under user acceptance testing, the solution is being evaluated for its ability to monitor spending against on-site work and reduce financial inefficiencies. If adopted, BIAL plans to integrate it with its in-house asset system (POMO) via API to track project completion, numerical construction status, and key milestones.



Accessibility is key. Whether you're looking for a report, planning an expansion, or managing a major repair in the building, the relevant information must be readily available.

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Conclusion

By leveraging Asite's digital solutions, BIAL is improving collaboration, tracking, and efficiency across some of its expansion projects. With a structured approach to document management, streamlined approvals, and integrated financial oversight, Asite is supporting BIAL's long-term success in managing complex airport operations and developments.

Learn more

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