Document Management System for Construction Industry

From Crystal Infosystems Pvt Ltd





Construction Industry Scenario

XYZ Construction Co.



EMPLOYEES



PROJECT 1

Documents:

- 1) Architectural Drawings
- 2)Structural Drawings
- 3) Measurement Drawings
- 4) Estimations
- 5) Quotations
- 6) Revised Drawings etc



PROJECT 2

Documents:

- 1) Architectural Drawings
- 2)Structural Drawings
- 3) Measurement Drawings
- 4) Estimations
- 5) Quotations
- 6) Revised Drawings etc



PROJECT 3

Documents:

- 1) Architectural Drawings
- 2)Structural Drawings
- 3) Measurement Drawings
- 4) Estimations
- 5) Quotations
- 6) Revised Drawings etc



PROJECT 'n'

Documents:

- 1) Architectural Drawings
- 2)Structural Drawings
- 3) Measurement Drawings
- 4) Estimations
- 5) Quotations
- 6) Revised Drawings etc

Project Execution

Project Execution

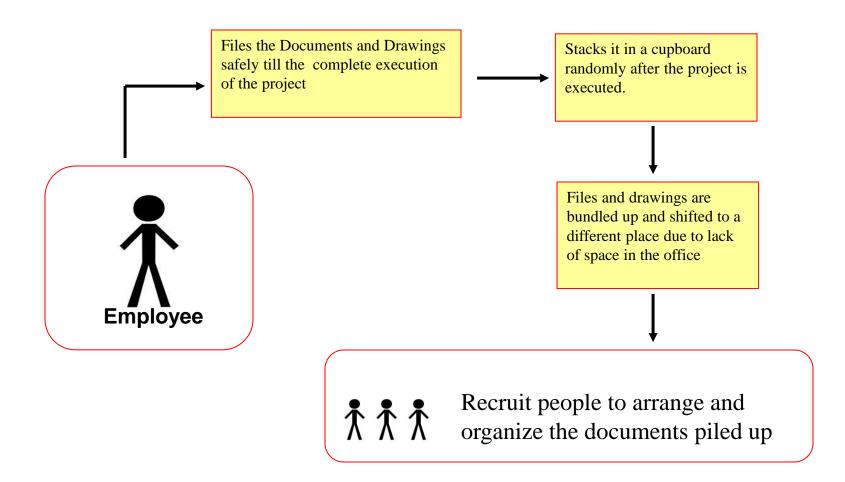
Project Execution

Project Execution

Commonly Released Documents

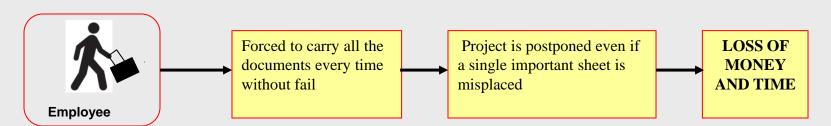
- Architectural design –Landscape, Building Drawings
- Structural Engineering-Structural Engineering calculations
- Land records
- Approval documents and Correspondences with consultants and authorities
- Final approved drawings
- Site measurements
- Utility drawings
- Interior drawings
- Wiring diagrams
- Piping diagrams
- As-constructed drawings
- Deviations lists
- Material schedule

Manual Documentation process

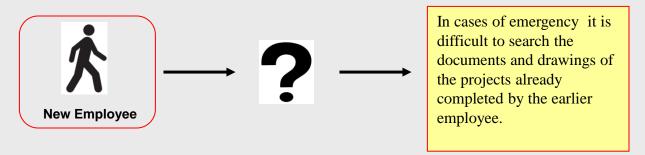


Manual Documentation Process – **Problems Faced**

Problem - 1



Problem - 2



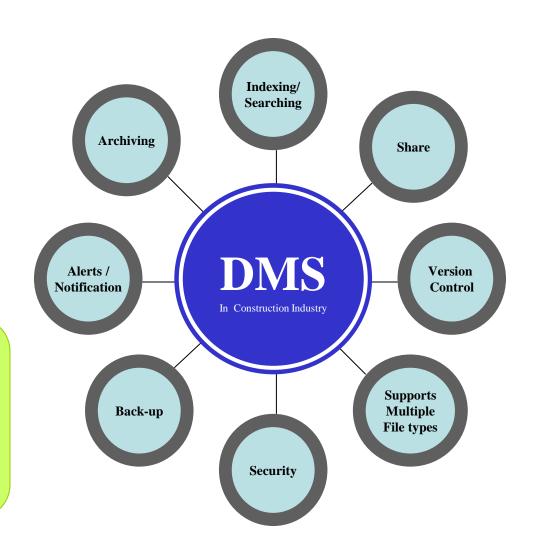
What is Document Management System

- A **Document Management System** (DMS) is a set of computer programs which is used to **store, manage and track the electronic documents and electronic images** of paper based documents captured through the use of a document scanner.
- A **Document Management System is a holistic system** which is designed from the ground up to assist the entire organization by managing the creation of data, storage, retrieval and expiry of information stored as documents.
- A **Document management system allows full integration of all files** in a related project and acts as a single platform that manages the documents involved, providing the tools needed for electronic storage, sharing and retrieval of all documentation and paperwork.

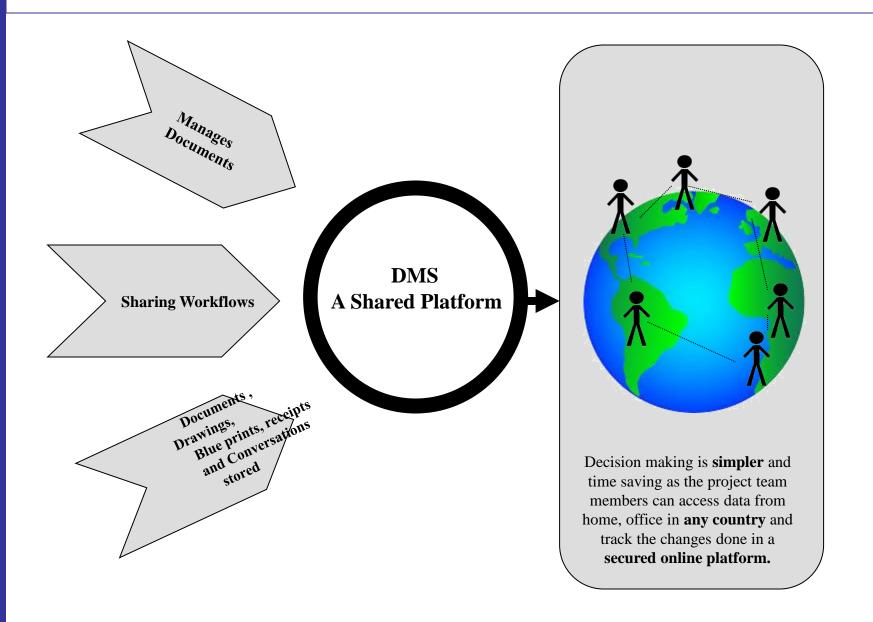
Document Management System and Construction Industry

A Construction Company offering Project Management services can reduce its manual data entry by 85% by using Document Management Systems.

By implementing Document
Management Systems a
Construction company can save
up 50 staff days per year by
eliminating paper based
systems



Importance of DMS in Construction Industry

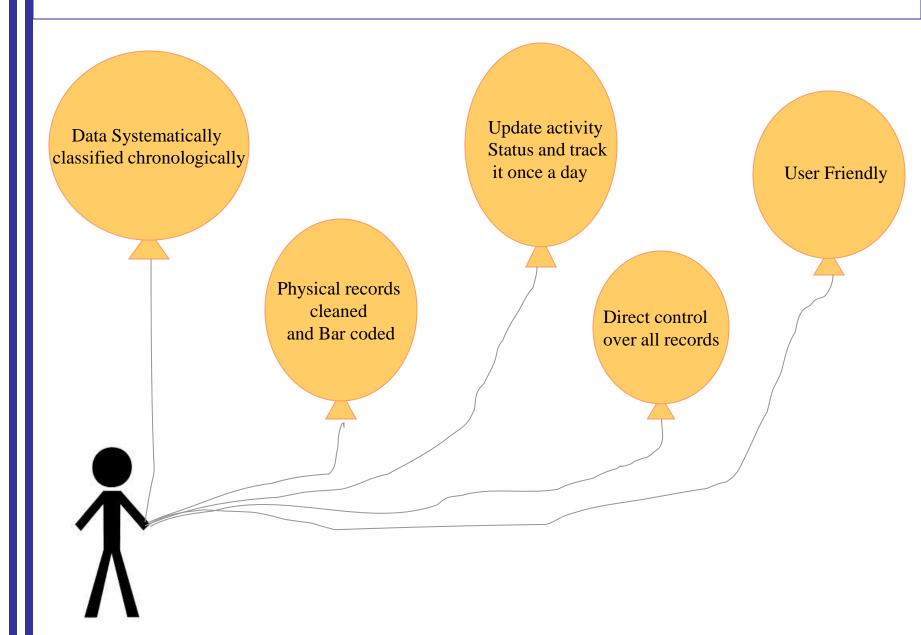


Benefits of using DMS in construction Industry

• Adopt environment friendly paperless process. Green Factor • Save cost which involves, printing, ink and electricity • Electronic database is created making the data available for users across the enterprise. Scan and Store Huge sheets of drawings • Authorized out of office users can also access company related documents. • Accountants can track revenue and expenses by pairing order forms and bills from suppliers. **Enhances Coordination within Departments** • Project Managers can share updated blueprints instantly with on- site supervisors • Files and drawings are recalled at a click of a mouse Saves precious time, money and space • Notifies when and who modified the file contents. viewed or marked • Files are backed up regularly Confidential information remains protected •Reduces risk of losing vital information

in an event of fire or natural disaster

Highlights of our service



THANK YOU