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# Data Migration Lessons Learned

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# Introductions



Amanda Kalcic – Senior Consultant

Specializes in the effective implementation of best practices for clients in the construction industry.



Brandon Hanacik – Senior Project Manager

Experienced in helping clients assess, select, and implement large-scale ERP and construction management solutions.



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*What comes to mind when you  
think about **data migration**?*





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# What is Data Migration and why is it important?

*It's the process of selecting, preparing, extracting and transforming data to transfer it from one (legacy) system to another (new) system.*





**% of Data  
Migration  
projects that  
exceed their  
budgets**

**83%**





% of projects  
that have  
issues with  
Data Quality

48%





% of  
projects  
that start  
off with  
insufficient  
prep &  
resources

70%







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# When is Data Migration Needed

System  
Replacement



Consolidation of  
Systems



Mergers and Acquisitions



Hardware  
or software  
upgrades





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## Planning

Define Objectives

High-level Requirements

Data Validation Strategy

Data Owners & Teams

Data Migration Strategy & Plan

Documentation Strategy / Approach

## Data Preparation

Identify Data Sources

Validate Data Quality

Define Data Cleanse

Identify Data Transformation

Identify Data Dependencies

## Data Mapping

Data Mapping Tools

Extract Tools

Gap Analysis

## Migration Development

Extract Tools

Build Conversion Tables

Reconciliation Tools

Data Cut-over Plan

## Test

Run Trial Migrations

Build Conversion Tables

Feedback Analysis

Data Validation

Cutover Communication

## Migrate

Data Ready Based on Cutover Plan

Masterfile Data

Transactional Data

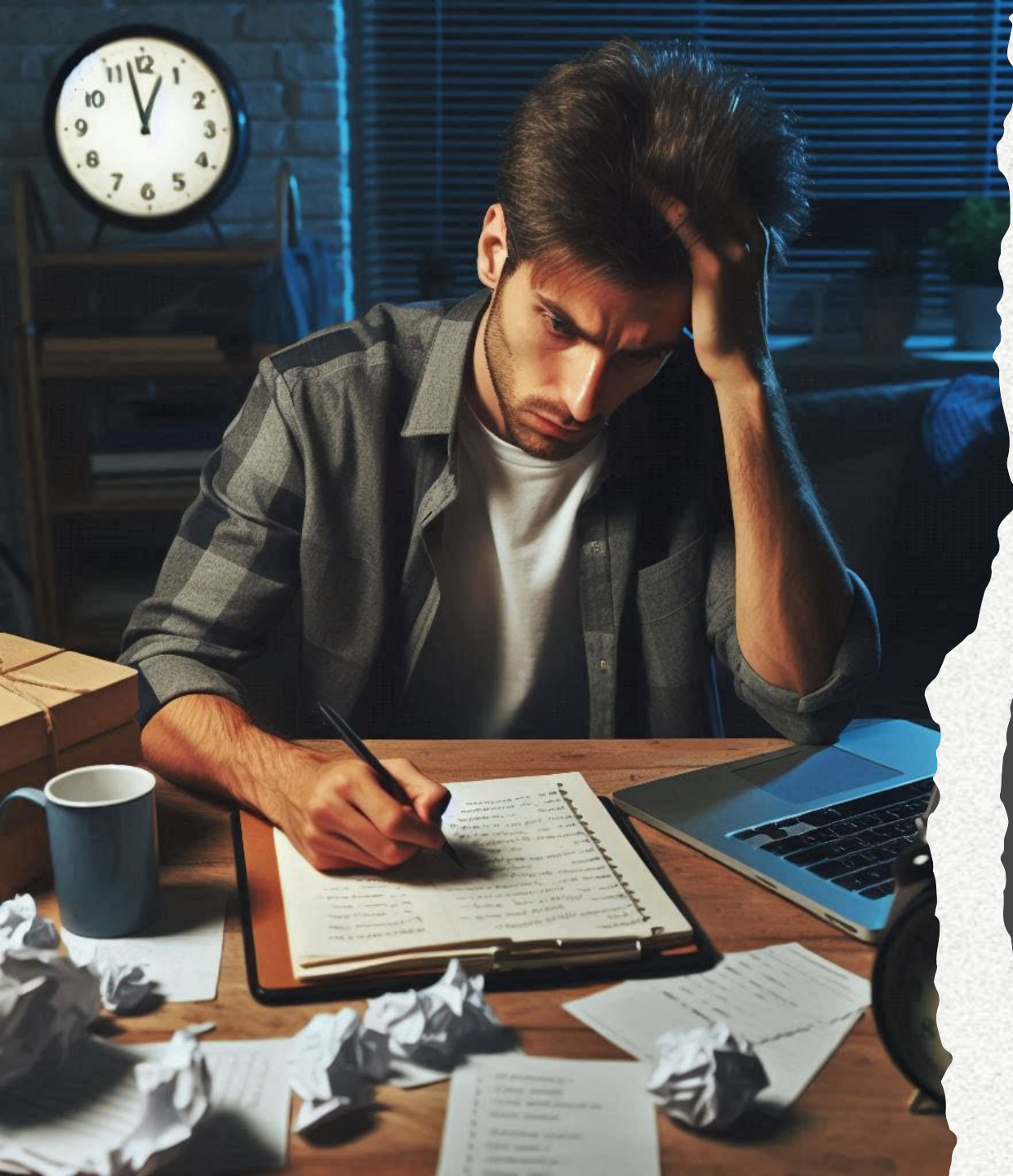


# Real-life scenarios:

*Assigning too small of a team due to lack of delegation ability*







# Real-life scenarios:

*Deciding too late about how much data to bring into the new system*



# Principles to Focus on:

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- *Plan early*
- *Treat data migration as a critical phase of any implementation project*
- *View as an opportunity to cleanse data*
- *Validate*





Q&A

QUESTIONS

