

SOLVE FOR X.

***Successful and
On Time WMS
Implementations
Using Agile-
Based Methods***

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About Today's Presenter



- Mike Noble has over 25 years of senior level project and program management experience, designing and managing complex supply chain execution projects in distribution operations and design, software and technology evaluation/selection and implementation.
- Open Sky Group is a consulting firm that resells and specializes in JDA RedPrairie Warehouse, Labor and Transportation Management software implementations.

Agenda

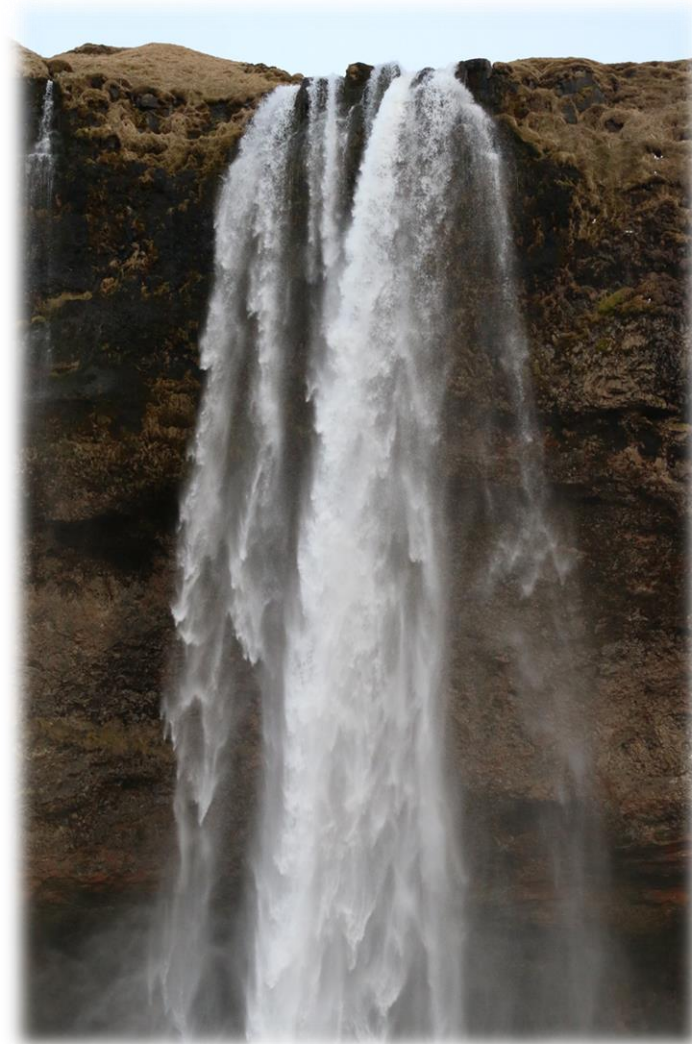
- What is Agile?
- What does an Agile-based Methodology mean?
- How is it different from traditional methods?
- How (and why) it works for Warehouse Management System (WMS) Implementations

What Is Agile?

- Agile is a software development methodology
 - Typical components
 - Sprints, Stand Ups, Burndown, Backlog
 - Teamwork with individual accountability
 - Sprints are iterative development phases
 - Aligned with client's goals
 - Set duration and effort
 - Focused on a demonstrable deliverable

Traditional Waterfall Approach

- Phases focused on single discipline
 - Planning
 - Design & Prototype
 - Development / Configuration
 - Testing
 - Implementation



Agile applied to WMS Implementations

- Cross-functional Team from Day One
 - Develop Forecast / Staffing Plan
 - Sprint 1 – High-Level System Approach
 - Sprint 2 – Foundation Components
 - Sprint 3 – Inventory Management
 - Sprint n – Functional Areas

1 month

2 months

1 month

2 months

2 months

Go Live

CPG Direct Sales Operation

- Ecommerce operation, 100% parcel, WMS managed inbound and inventory, MHE managed outbound
 - Design, Integration, Operational and Configuration
 - Sprint 1 – High Level Design
 - Sprint 2 – Integration and Inbound
 - Sprint 3 – Inventory Management
 - Sprint 4 – MHE Integration
 - Parallel Testing/ Commissioning
 - Go Live

SOLVE FOR X.

2 months

1 month

2 months

2 months

3 months

Go Live

Food Packing and Distribution

- Farm-to-shelf, shipping 1M pounds per day, 60+ operators, ASRS integration, Lot & Expiration Track and Trace
 - Sprint 1 – Design and Prototype End-to-End
 - Sprint 2 – Foundation and Inbound
 - Sprint 3 – Outbound
 - Sprint 4 – User Acceptance Testing (2 cycles)
 - Sprint 5 – Mock Go Lives (4 cycles)
 - Go Live

SOLVE FOR X.

1 month

1 month

1 month

1 month

2 months

Go Live

3PL Retail Distribution

- High volume case picking, high staff turnover, high degree of value added services and compliance labeling, short project time-line
 - Sprint 1 – Design & Prototype End-to-End
 - Sprint 2 – Foundation
 - Sprint 3 – Inbound
 - Sprint 3 – Outbound
 - Sprint 4 – User Acceptance Testing
 - Sprint 5 – Mock Go Live
 - Go Live

Summary

- An Agile-based methodology works for companies:
 - In any industry
 - Of any size
 - With any type of software implementation, like a Warehouse Management System

It can work for your company, too!

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