Project Intrepid
Challenging the Status Quo for Project Execution

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SVP Business Development - Offshore
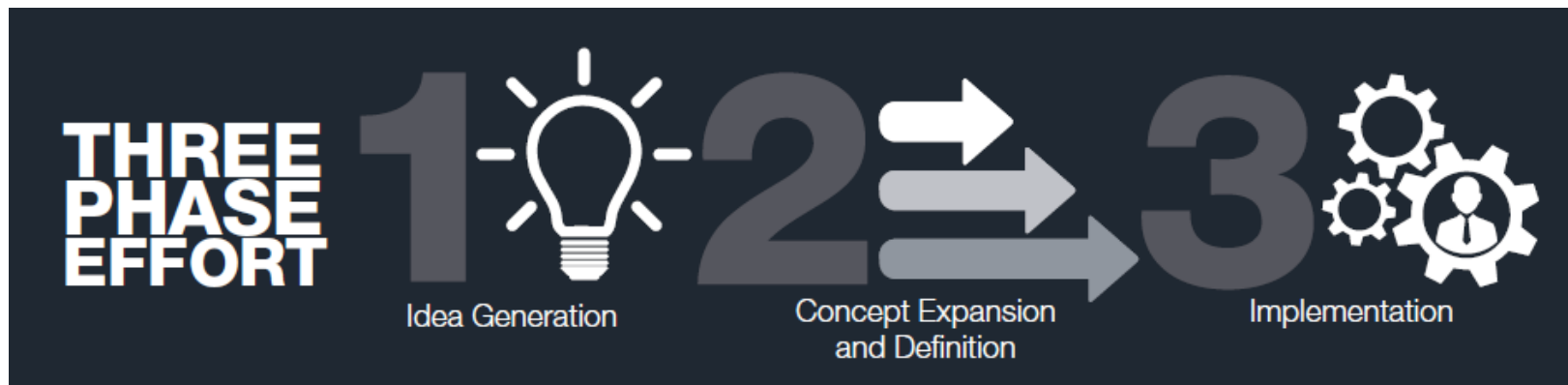
WOOD GROUP

What is Project Intrepid?

- Project Intrepid is a bold initiative focused on reducing costs, reducing unnecessary deliverables and streamlining project execution and handover.

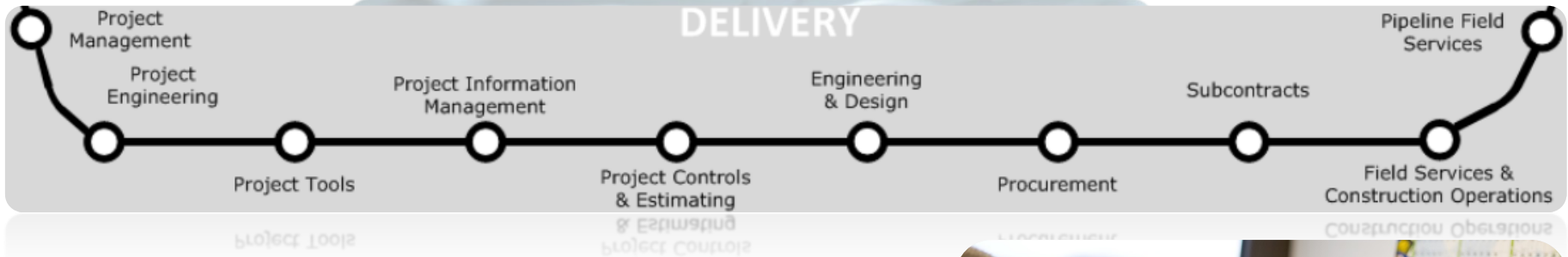## Intrepid Goal
50% man-hour reduction on projects!

"A transformational strategy that Wood Group is employing to reduce engineering hours and cost, be more predictable and deliver simple, competitive projects".
- Michele McNichol, CEO Wood Group West
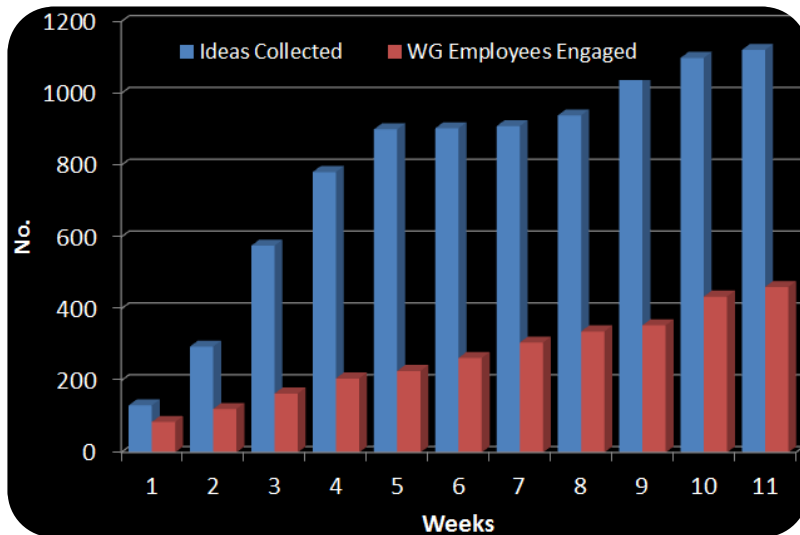
Project Intrepid – Why?

Project Intrepid – What?

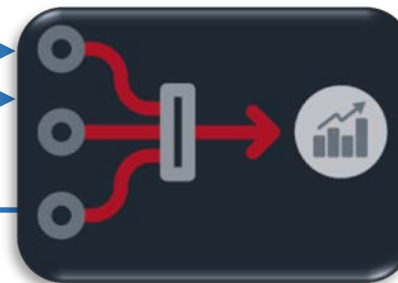# Project Intrepid – The Plan

Phase I

Phase II

Phase III

Project Intrepid – The Concepts

Data Centric Execution

Efficiency - Automation of Engineering

Input

Results/Deliverables

Data as the Deliverable

Project Data Analytics

Dashboard
Electronic Checking
KPI's
Predictive Analysis

Standardization

Project Intrepid – The Focus

$$Nf = {}^pVf - {}^pCf$$

The focus is on maximizing value to minimize cost and schedule.

Value Force

Cost Force

Project Intrepid – The Process

- We looked to apply lean methodologies through extensive Value Stream Mapping of internal work processes
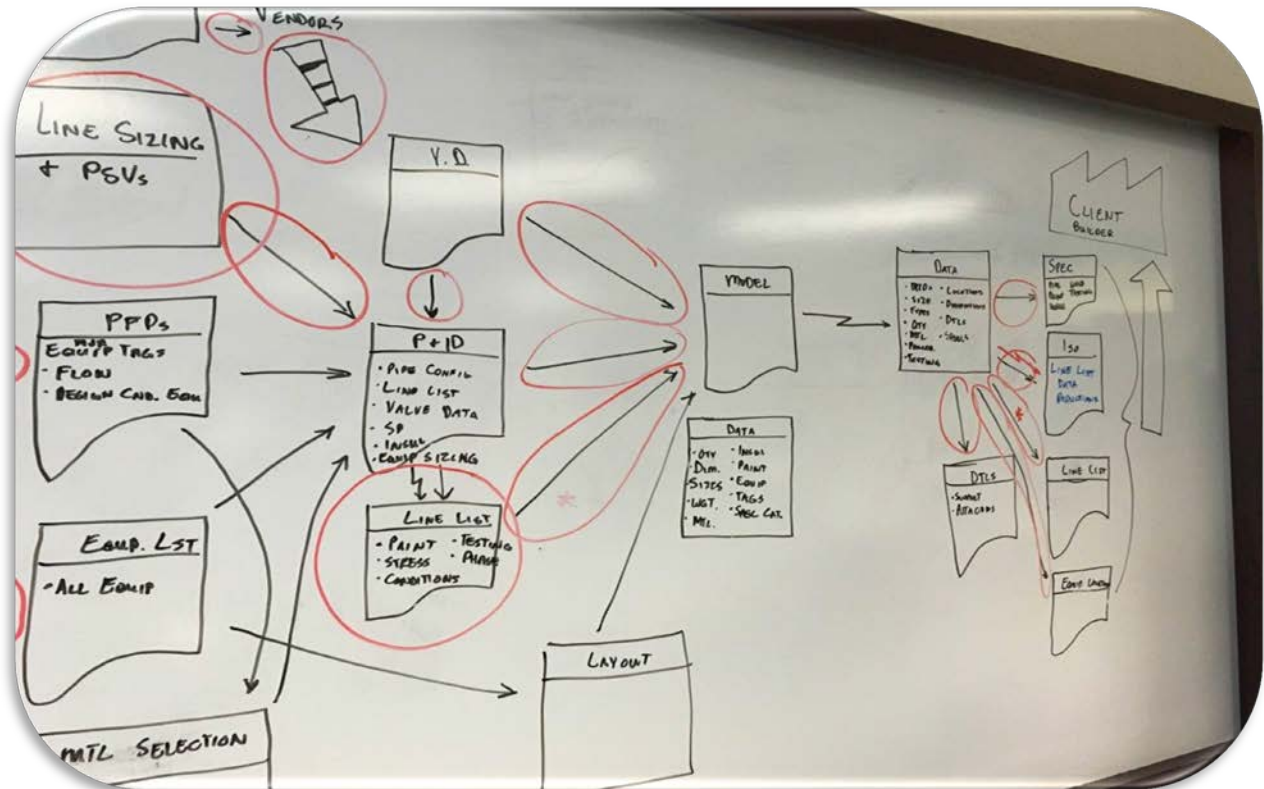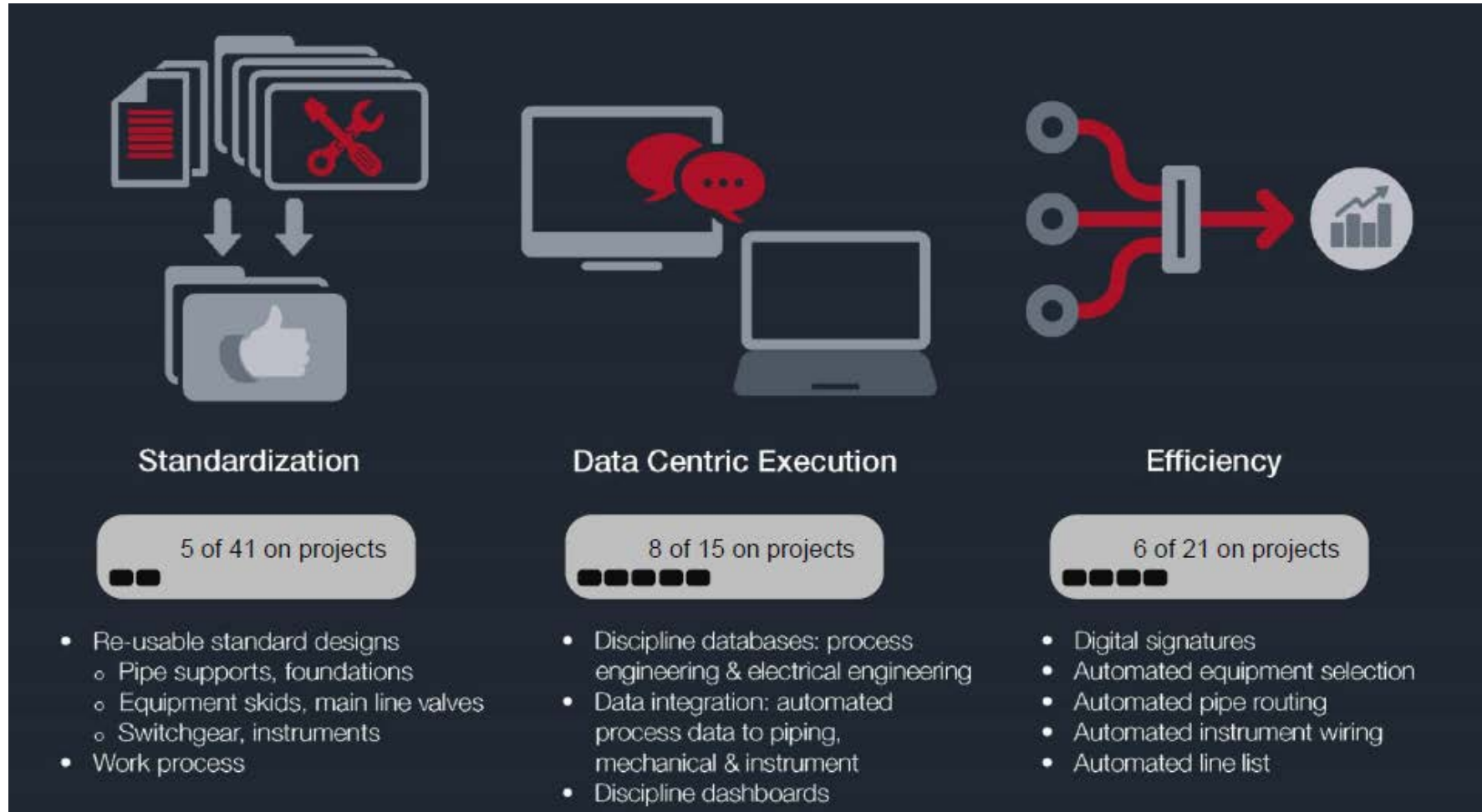
Project Intrepid – The Team

Small Focused Full Time Team

Phase II – Improvements Identified

Use Cases by Concept

| Line	Concept	Use Cases
1	Standard Work Processes & Deliverables	79
2	Standard Design	19
3	Data-Centric Execution	17
4	Project Data Analytics	9
5	Usable Past Project Data	1
	Totals	125

An Update on Where We Are

Auto-Generator for Equipment Ops Data Books

- New Web Based Tool
    - Progressively build
    - References current document repositories

- Estimate 50% man hour savings on data books

Automated Change Management Workflow

- **Standardize & Automate Change Management**
  - **Creation**
  - **Distribution**
  - **Approval**
  - **Tracking**
- **Share-Point based workflow**
- **Estimated 40% man hour savings**
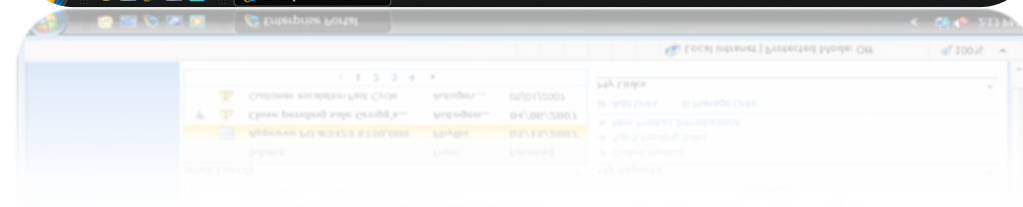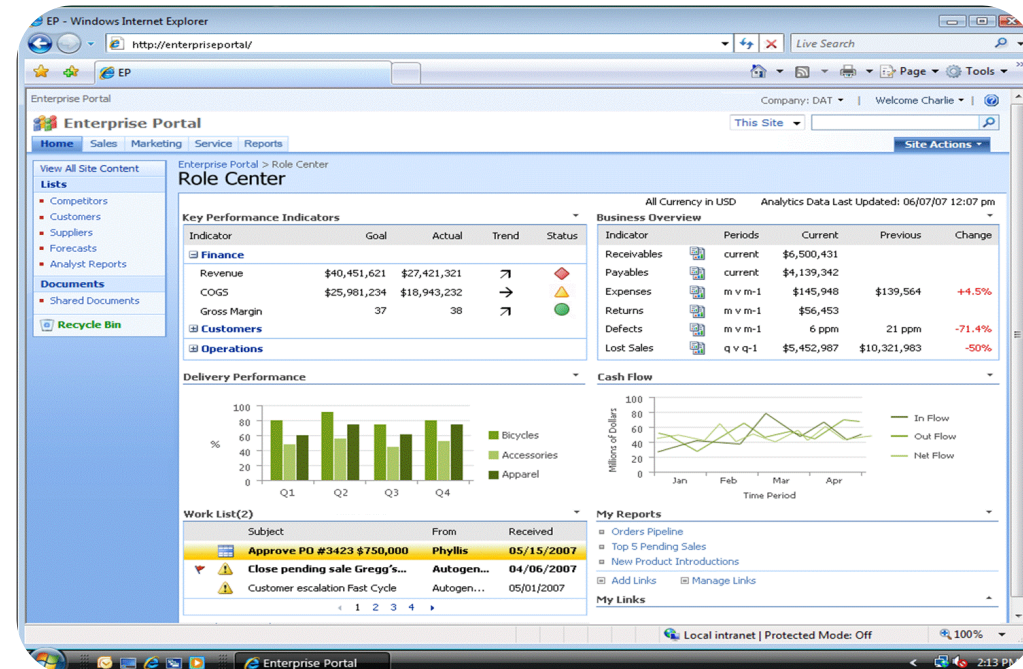
Questions?

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