



Olympia Operating System Overview Basics

OOS v.1-edit.0
Περίοδος 2013-2017

Our Vision

All **O-E operations** function as tightly integrated value streams from suppliers to customers where...

- Our customer's wants are met or exceeded, leading to achievement of **O-E** 's objectives for growth and overall performance
- All employees are fully engaged and Safety and Quality are built into every process
- All processes are documented and standardized as a basis for continuous improvement in pursuit of perfection
- The workplace is organized and clean
- Visual management systems are installed with clear protocols for rapid problem solving and waste elimination



True North – The Constant Pursuit of Perfection

What is the Olympia Operating System?

- A comprehensive, integrated business approach for how we run our Integrated Supply Chain operations
- Focused on delivering stronger results for our customers
- Built on our lean management *Plus* foundation
- Designed to guide the way we act, work & lead
- Based on the Honeywell Production System

Yet, there's so much more to the system.

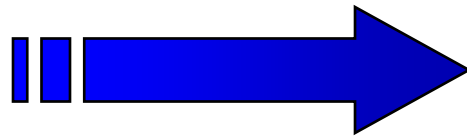
You'll benefit most from practical, hands-on experience.

That's why the pilot approach is so critical.

***Expect to Drive Exceptional Performance
in Safety, Quality, Value & Delivery***

Building On Lean Foundation...

lean
Tool Based



OOS
System Based

- Experts lead the process
- Project focused improvement
- Informal best practice sharing

- Leaders own the process – coach teams
- Continuous improvement (Kaizen)
- Institutionalized knowledge sharing

Operating System

Start

Toyota Production System (TPS)	1945
Danaher Business System (DBS)	1987
Nissan Production Way (NPW)	1994
Autoliv Production System (APS)	1997
UTC - Achieving Competitive Excellence (ACE)	1991
Alcoa Business System (ABS)	1998
Honeywell OPERATING SYSTEM (HOS)	2005

***OOS Validated With
Extensive External
Benchmarking***

From Tool Kit To Integrated Business System

The Standard Implementation Framework

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Operational Readiness (Pre-Launch)	Baseline and Planning (6-12 weeks)	Learning Through Observation (8-14 weeks)	Work Process Improvement (24-30 weeks)	Knowledge Sharing (3-5 weeks)

Hoshin Planning (Policy Deployment)

Observation and Waste Identification

5S (Cleanliness and Order)

Visual Management

Kaizen – Continuous Improvement

Rapid Problem Solving (5 Why's)

Value Stream Mapping

Standardized Work

Process Design For Flow & Quality

Total Productive Maintenance (TPM)

Knowledge Sharing

Leadership Capability

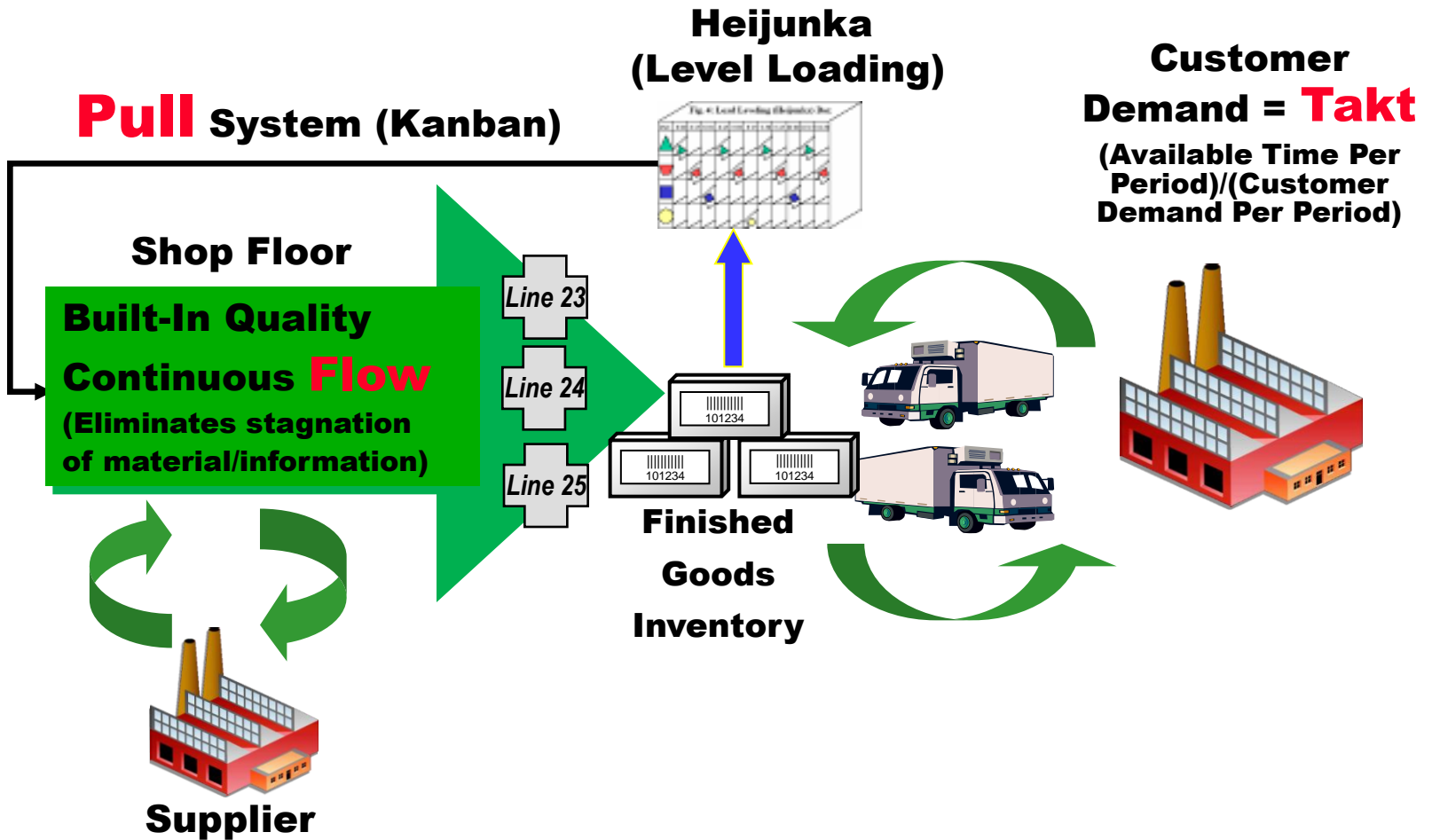
- Own/drive the process
- Coach/Mentor

Organization Design

- Enabling Structure
- Daily Mgmt. System

Driving Speed, Impact, and Sustainability

Connect The Processes In The Value Stream



Improved Customer / Supplier Connections
Takt, Flow, Pull, Kaizen

Work Processes: Standardized Work Drives The System

OOS Standardized Work Drives the System



Standardized Work ...

- Reduces Variation and Waste
- Enables Flow
- Fuels Continuous Improvement

... in quest of the:

Safest way

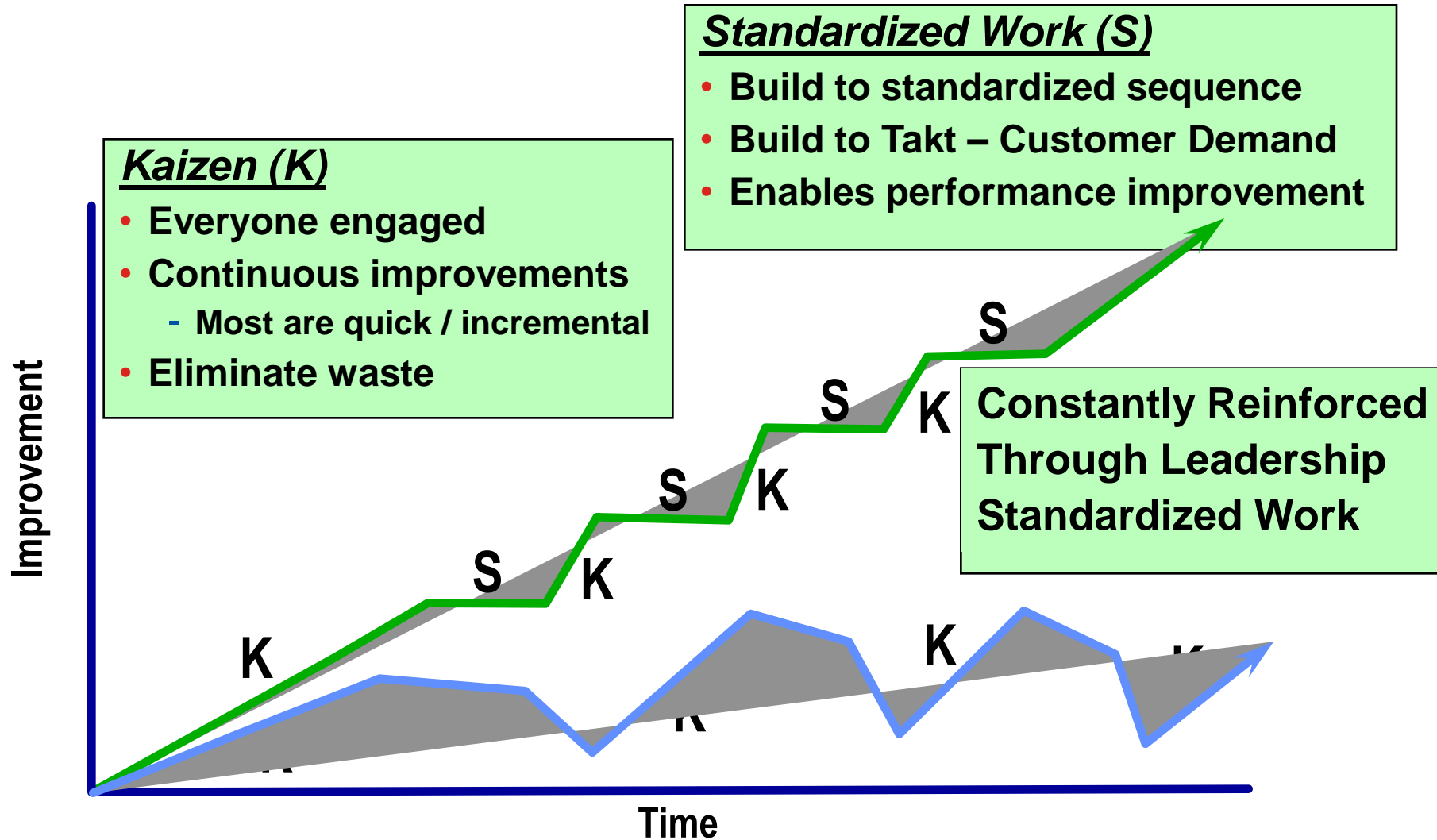
Highest quality

Lowest cost

Shortest lead time

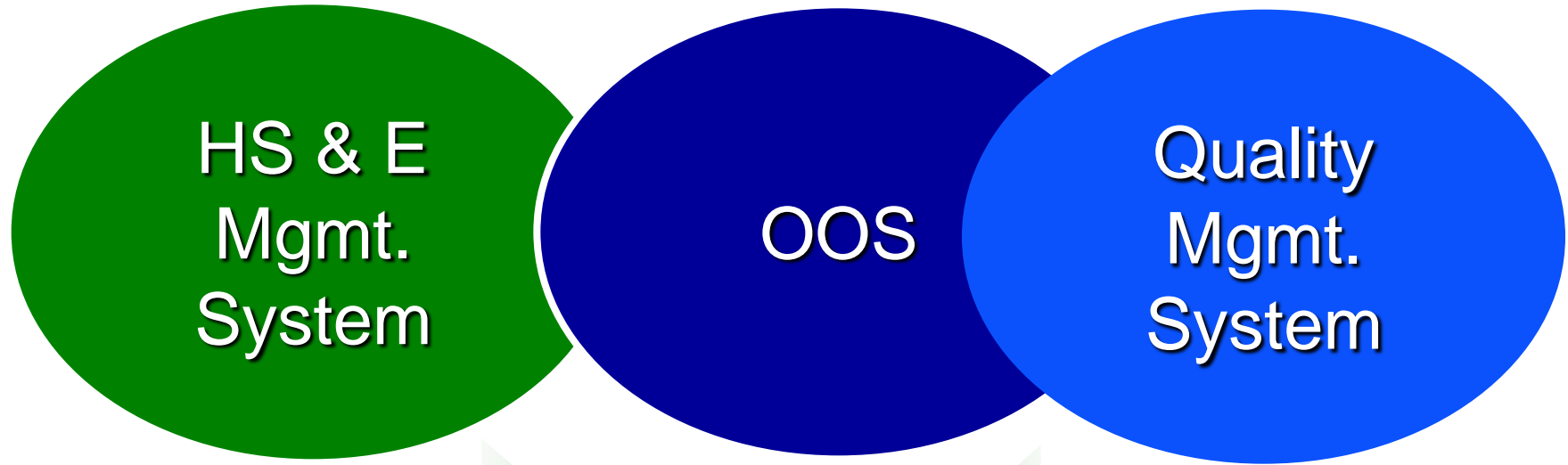
Standardized work is a cornerstone of OOS

Benefits Of Standardization



Rapidly Achieve and Hold Improvement Gains

Integrating The Health, Safety, and Environmental (HSEMS) and Quality Management System (QMS) With OOS



Behavioral

- Leadership / Employee Involvement
- Coaching
- Cultural Change
- Leadership Roles and Responsibilities

Process/Tools

- Rapid Problem Solving
- 5S / Visual Management
- Standardized Work
- Process Design for Flow

Driving Process & Behavioral Improvements



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