



# 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.**

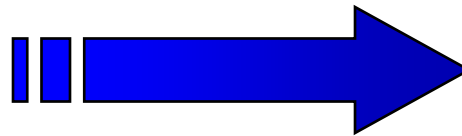
**You'll benefit most from practical, hands-on experience.**

**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

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

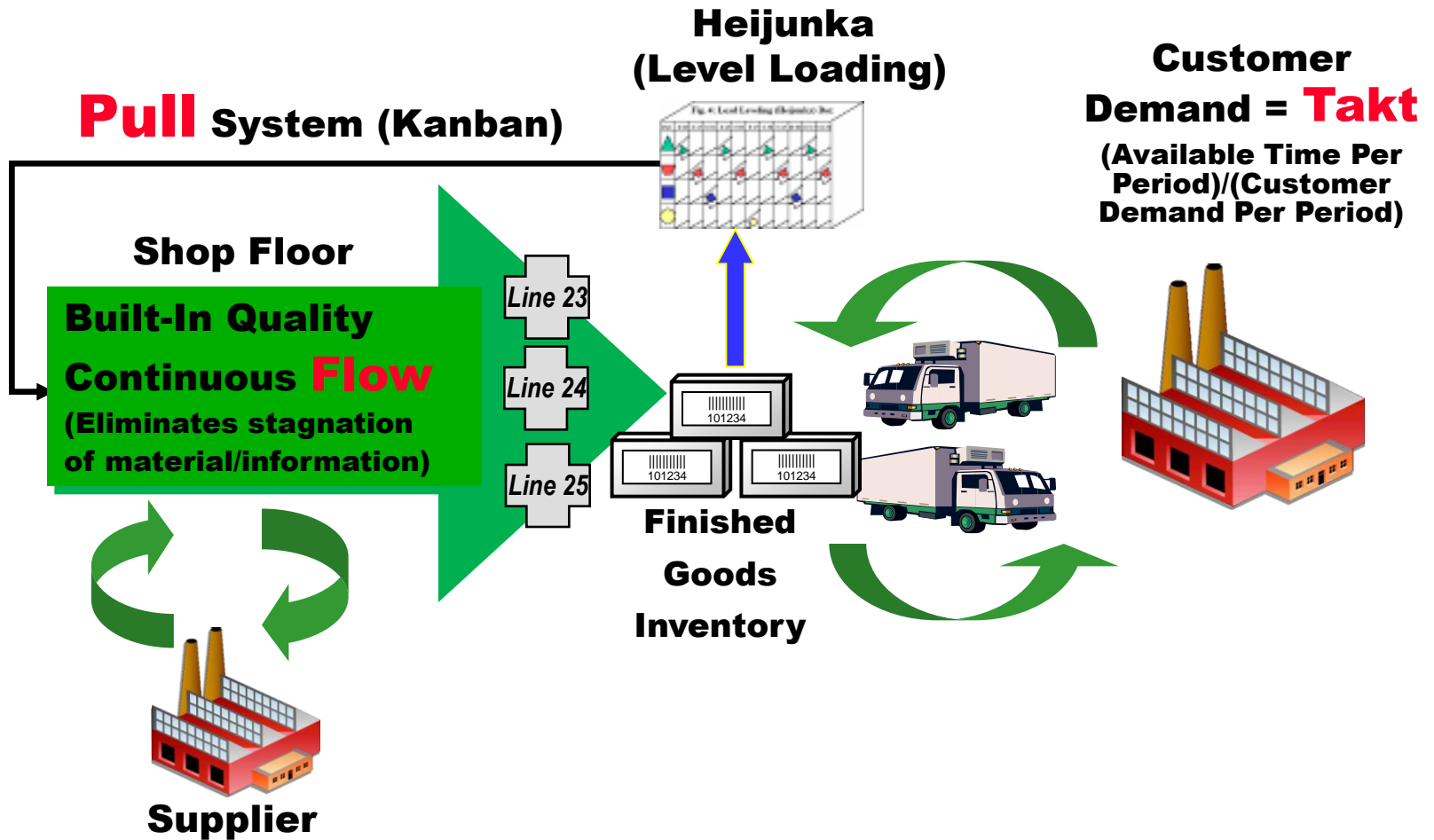
- Own/drive the process
- Coach/Mentor

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***

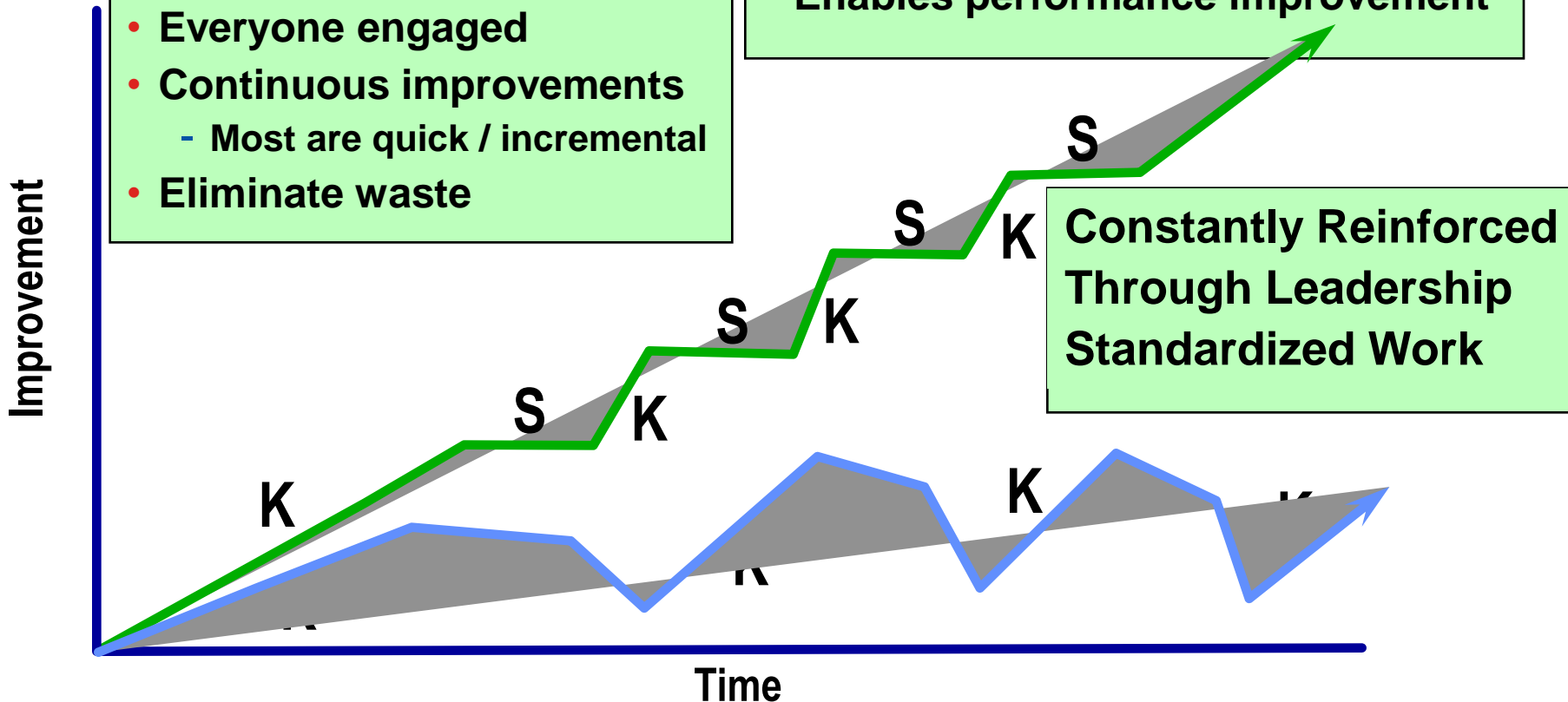
# Benefits Of Standardization

## Standardized Work (S)

- Build to standardized sequence
- Build to Takt – Customer Demand
- Enables performance improvement

## Kaizen (K)

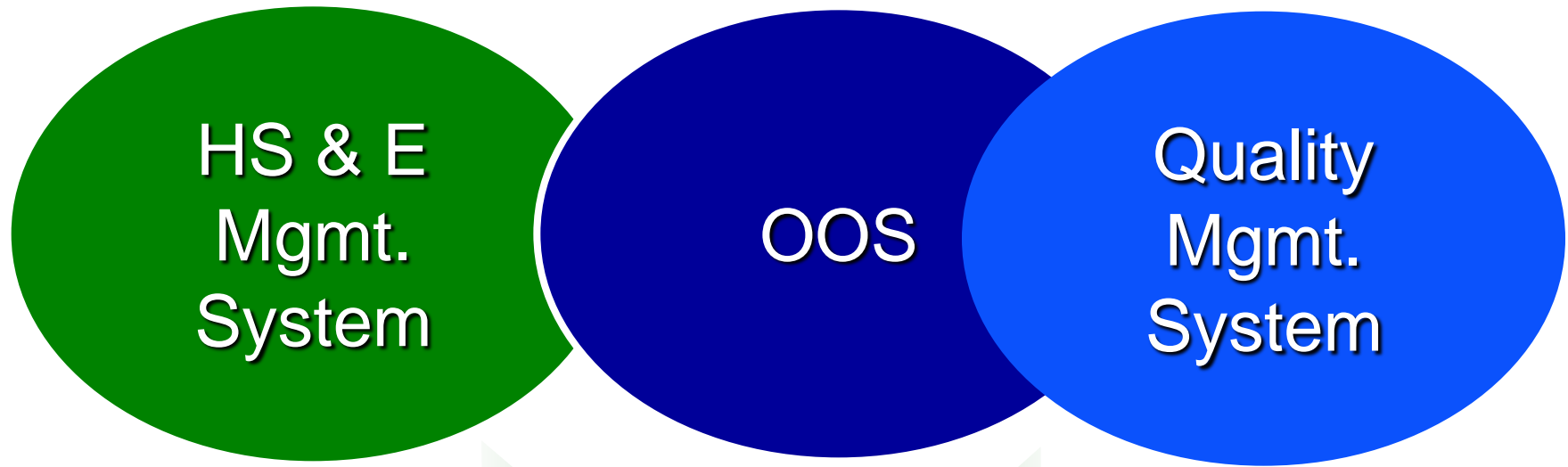
- Everyone engaged
- Continuous improvements
  - Most are quick / incremental
- Eliminate waste



***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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