# Digitize Your Product Quality Planning Process for Operational Excellence

Manufacturers in all industries rely on advanced quality planning processes to standardize product quality management. These processes allow you to meet customer demands, maintain regulatory requirements, and compete on a global scale. Most of the time, you're obligated to follow strict procedures to comply with customer requirements, but does the effort really help your operational performance? Or is it just a check-in-the-box paperchase?

Rockwell Automation | PLEX

# The Problem with Paper Processes

You've seen it. Your plant gets hit with an audit or recall and your quality department scrambles to track and trace all the pieces of your complex operation.

Why the mad dash? Because you may need to trace defects or issues back to source material to avoid scrapping a high volume of finished goods. This affects your on-time delivery, costing you money, and lowers your supplier rating, costing your reputation.
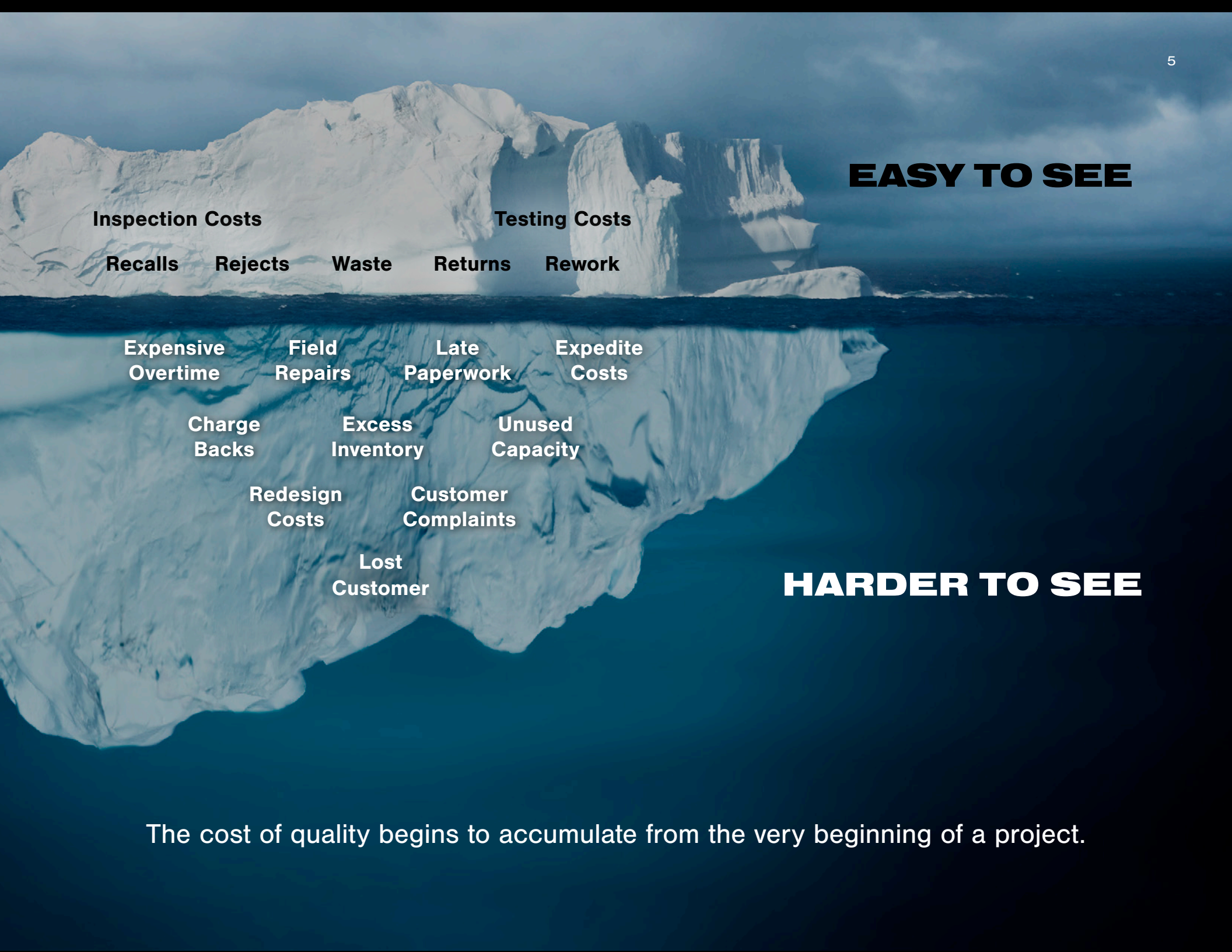
Why is it so hard to trace back to source material? Because it's a manual process of multiple people producing multiple documents in multiple formats. Paper- and spreadsheet-based processes are time-consuming, inefficient, and inaccurate.

These error-prone processes make coordination with multiple plants challenging and consistency across multiple countries impossible. Without a single source of truth connecting your whole operation, you're operating blindly with constantly out-of-date data and a chain of communication that doesn't connect.

Rockwell Automation | PLEX

"It's becoming increasingly impossible to use traditional means to manage quality and regulatory documentation, especially for highly regulated manufacturers. Archaic paper-based approaches, manual processes, and disparate systems cultivate vast inefficiencies as organizations struggle to use the right document versions, stay up to date with changing regulatory requirements, streamline document review and approval processes, and ultimately achieve operational excellence through optimizing document management processes."

Excerpt from Paul Leavoy blog, LNS Research

5

**EASY TO SEE**

Inspection Costs    Testing Costs

Recalls    Rejects    Waste    Returns    Rework

Expensive Overtime    Field Repairs    Late Paperwork    Expedite Costs

Charge Backs    Excess Inventory    Unused Capacity

Redesign Costs    Customer Complaints

Lost Customer

**HARDER TO SEE**

The cost of quality begins to accumulate from the very beginning of a project.

## Smart Manufacturing Provides a Better Way...

Digitizing quality planning closes the loop and provides a number of benefits, helping businesses like yours to:

Go paperless

Govern operational behavior

Reduce manual effort

Enhance accuracy

Decrease scrap costs

Lower the cost of goods sold

Reduce customer rejects

Achieve a higher supplier rating

Increase perfect order performance

Streamline audits from days to hours

Rockwell Automation | PLEX

# Digitizing with the Right Partner

Joining the modern era of smart manufacturing by digitizing quality planning requires choosing the right partner and platform.

Plex was purpose-built by manufacturers for manufacturers. With Plex, all data is stored in a single, secure database. Documents become online forms so that everyone can collaborate using the same real-time data. And sharing that data with customers or other stakeholders is as easy as flipping a switch.

**Operationalize your quality with:**

- A single source of truth that reduces errors

- Built-in error-proofing that reduces the cost of quality

- Quality compliance that results in quality performance

Visit **PLEX.COM** today learn more or get in touch with us.

Rockwell Automation | PLEX

PLAN

DO

DATA

ACT

CHECK

### ABOUT PLEX

Plex, by Rockwell Automation, is a leader in cloud-delivered smart manufacturing solutions, empowering the world's manufacturers to make awesome products. Our platform gives manufacturers the ability to connect, automate, track, and analyze every aspect of their business to drive transformation. The Plex Smart Manufacturing Platform™ includes solutions for manufacturing execution (MES), ERP, quality, supply chain planning and management, asset performance management, production monitoring, process automation and analytics to connect people, systems, machines and supply chains, enabling them to lead with precision, efficiency and agility. To learn more, **visit www.plex.com**

Rockwell Automation | PLEX