Gain control
[capture, print and workflow]
Gain control over manual processes and electronic workflows
Manufacturing is characterized by required innovation and heavy competition globally.

Manufacturing drives the economies in developed and emerging countries. In fact, manufacturing contributes 16% of the global gross domestic product and 14% of employment.¹

Within the manufacturing industry there are many sectors and sub-sectors. The North American Industry Classification System (NAICS) breaks down the manufacturing industry into 21 different sectors. Each sector has its own unique set of challenges. Some segments are more reliant on innovation while others focus on new markets and faster time-to-market. However, they all have one thing in common...they all have to produce profitable products to stay in business.

**Streamlining workflows, while reducing time-to-market**

Manufacturers are under tremendous pressure to provide innovative products quickly to increase revenue and stay competitive in a highly dynamic environment. Every company is racing to develop more products faster and be the first to launch them in the market. Accelerating time-to-market is a key to any manufacturer’s success. A head start on the competition is the best way to ensure a product’s profitability. Those companies who get their products to market too late are forced to compete at commodity price points and suffer poorer returns on R&D investments.

To do this they need to look at the current workflows and determine how to take slow manual processes and make them more streamlined and secure. This means streamlining workflows from product concept to end-of-life is key to making the organization more productive.

**Managing documents, securing intellectual property and cutting costs**

We know that every organization regardless of size or responsibility needs documents. The problem is that documents come in multiple formats such as paper, email, fax, electronic forms to name a few.

Manufacturers are sitting on massive stores of product related documents that touch every aspect of the product lifecycle and many contain intellectual property. These documents are stored in many different places such as file cabinets; warehouses; ERP, MES, PLM platforms and company databases that are part of internal portals, document management systems and file-share tools. To become efficient these documents must be secure, organized, searchable and shareable.

The process of securing and disseminating these documents can be costly. Manufacturers strive to contain costs, reduce risk and drive operational efficiencies. The process typically varies by department and document type. Let’s not forget the documents that must be tracked to reduce risk and ensure compliance.

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¹ McKinsey

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**Success Story: Pratt & Whitney Canada**

Pratt & Whitney Canada is a world leader in the development of aviation engines for general, commercial, private aviation and helicopters. They are a Nuance manufacturing customer that uses Nuance AutoStore to capture, process and route documents with fewer steps. Engineering documents are delivered to offsite locations quickly, eliminating the usual faxing or courier expenses. The solution works with virtually all network environments and all digital copiers and scanners. It improves document distribution by scanning once and sending to multiple locations.
Gaining control

Gaining complete control over manufacturing documents and workflows spans a full spectrum of areas that should be addressed comprehensively, while not compromising one for another or sacrificing user convenience and information security. A comprehensive solution should address security and compliance, operational efficiencies and the simplified platform integrations manufacturers require.

Operational efficiency

Effective business processes depend on how users interact with information. Manual processes are slow, error-prone, frustrating and expensive. Automated and efficient processes remove these gaps and inefficiencies which allows users to benefit from capturing any piece of data from any input device and following a common workflow for capturing, converting and distributing that information.

Studies show that moving from paper to digital can make you 35% more productive. Knowing where to find a document and having access is important. True information availability is ensuring that information is ready and actionable for the next step in the product lifecycle. Streamlined workflows can reduce time-to-market and increase profitability.

Security and compliance

Security vulnerabilities and potential data breaches exist at every information touch point. Unsecured Multifunction Devices (MFD’s) can be used to make unauthorized copies or scans. In the absence of automated encryption and file destination control, intellectual property or sensitive information can be emailed either accidentally or intentionally from the device to unauthorized addresses. Information like user ID’s and even passwords in memory can be accessed by someone with the right skills. By applying control through business processes, critical information is protected throughout its chain of custody.

Simplified Integration

The value of capture and workflow solutions is dependent on how effectively information can get into and out of the core workflows that power a departments processes. Regardless of the system or database, connectivity should be intuitive, secure and customizable.
Partnering with Nuance

Nuance Document Solutions and our team of solutions experts help tens of thousands of manufacturers worldwide gain control over their documents and workflows. By identifying gaps and inefficiencies in capture and workflow processes — and gaining control over those areas across any device, network environment, regulatory obligations, geography, etc.,—Nuance will help make information available, contributing to:

– Increased revenue by accelerating secure information flow across multiple device platforms and distributed department locations.

– Decreased costs through improved productivity and information access.

– Risk mitigation around compliance and the potential cost associated with any security breach.

To learn more, please contact your Nuance representative today. Call us at 800.327.0183 or visit www.nuance.com/for-business/industry-solutions/manufacturing

Success Story: Toyota

Toyota Industrial Manufacturing, Inc and Toyota Material Handling, U.S.A., Inc are the manufacturing and sales arms for Toyota lift trucks, the top selling brand in the world. With a need to manage large amounts of paper and electronic documents, Toyota needed a way to better manage them, assure security and create a truly collaborative environment that would integrate with their SAP management system. Nuance AutoStore now orchestrates the capture and secure delivery of paper and electronic documents into their SAP system increasing usability, collaboration and security while saving time and money.

About Nuance Communications, Inc.

Nuance Communications, Inc., is a leading provider of voice and language solutions for businesses and consumers around the world. Its technologies, applications and services make the user experience more compelling by transforming the way people interact with devices and systems. Every day, millions of users and thousands of businesses experience Nuance’s proven applications. For more information, please visit www.nuance.com.