

Vista's Digital Supply Chain Transformation

Embedded EWM on S/4HANA 2020 for Improved Automation and Increased Visibility



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Key Outcomes & Objectives

1. Increased supply chain visibility through real-time metrics and analytics
2. Increased delivery speed and Inventory efficiency via automation
3. More robust RF processes to reduce the need for customizations

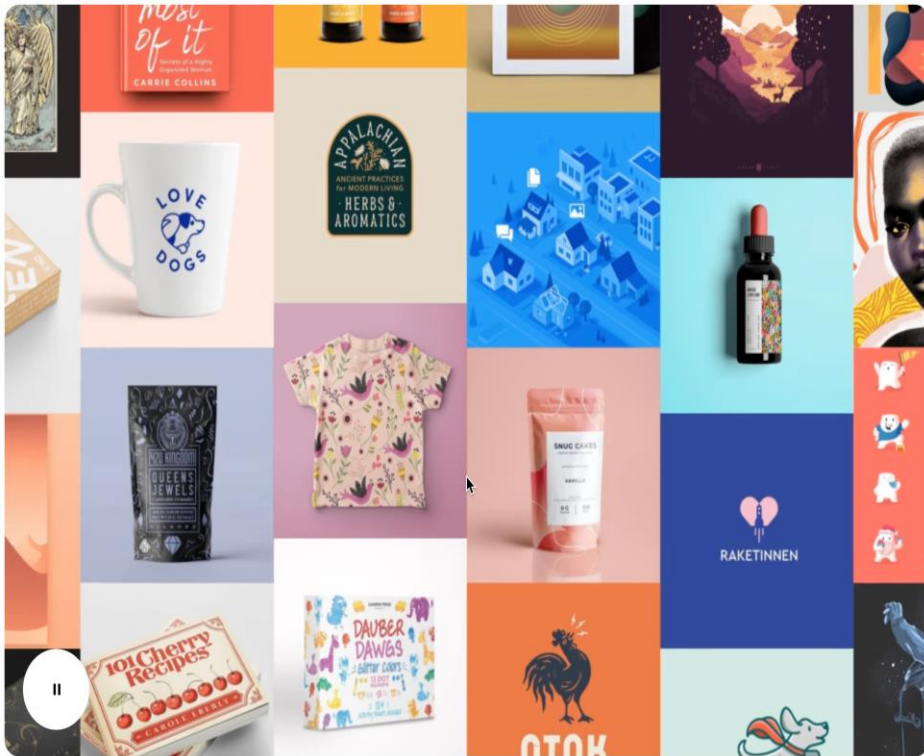


Agenda



- About Vista (Vistaprint)
- Business Challenges & Benefits
- Timeline of SAP S4/HANA in Vista since April 2020
- Vista's EWM Journey
- Vista's North Star
- Deep Dive on Key Outcomes and Objectives
- Lessons Learned
- What's next

Vista is on a mission to deliver Jaw Dropping Customer Value by becoming the expert design and marketing partner for the world's small businesses.



- 17 Million customers globally
- Leader in Mass Customization
- Custom-designed marketing products
- Consumer goods
- Promotional goods
- Design Services
- Websites
- Online marketing content
- Signage
- Packaging
- *Masks

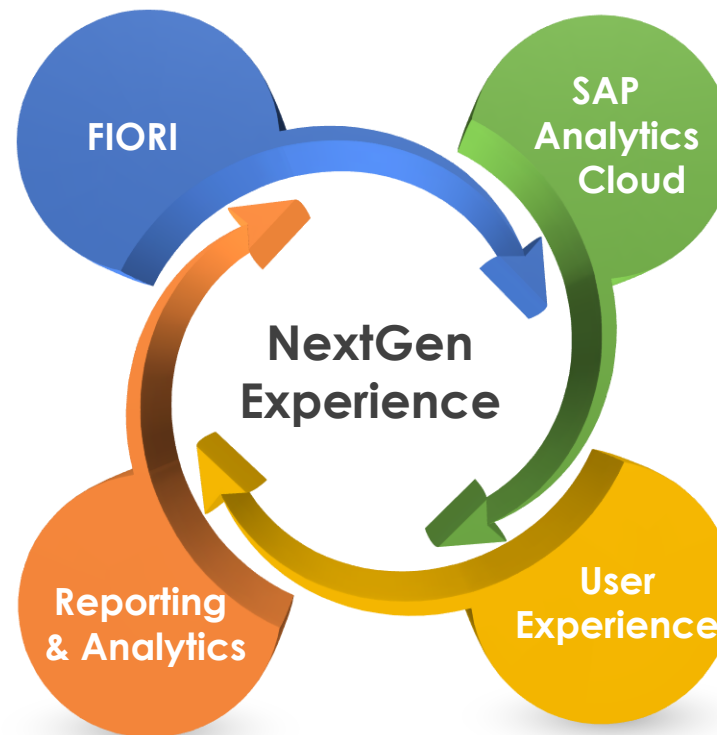


With a massive volume of transactions of low average order value, Vistaprint needed a stable, scalable business technology:

- Eliminate month-end delays waiting for 8-hour data extracts, non-standardized processes, and offline reporting
- Enable access to data directly in the core system (prior to S/4HANA unable to run most reporting directly in SAP)
- Increase standardization and provide ease of access to users to ease onboarding and reduce risk of individuals
- Modernize IT landscape and build a scalable technology platform
- Reducing total cost of ownership (TCO) by simplifying landscape
- Transitioning from owned data centers into the cloud to eliminate internal network / storage dependencies
- Need to improve employee engagement and be able to attract top-talent
- Limitations in tools to solve unique business challenges: people stopped asking for complex things

- New Business Solutions - Custom App to empower marketing team users to use SAP FIORI for spend approval without the burden of SAP GUI
- Unlock Mobile - Accessibility of FIORI from multiple devices
- Simplify for Users - Implement SAP S4 on acquired companies with only FIORI to access SAP
- Access to all of SAP's latest innovations: Apps, AI features, new functionality

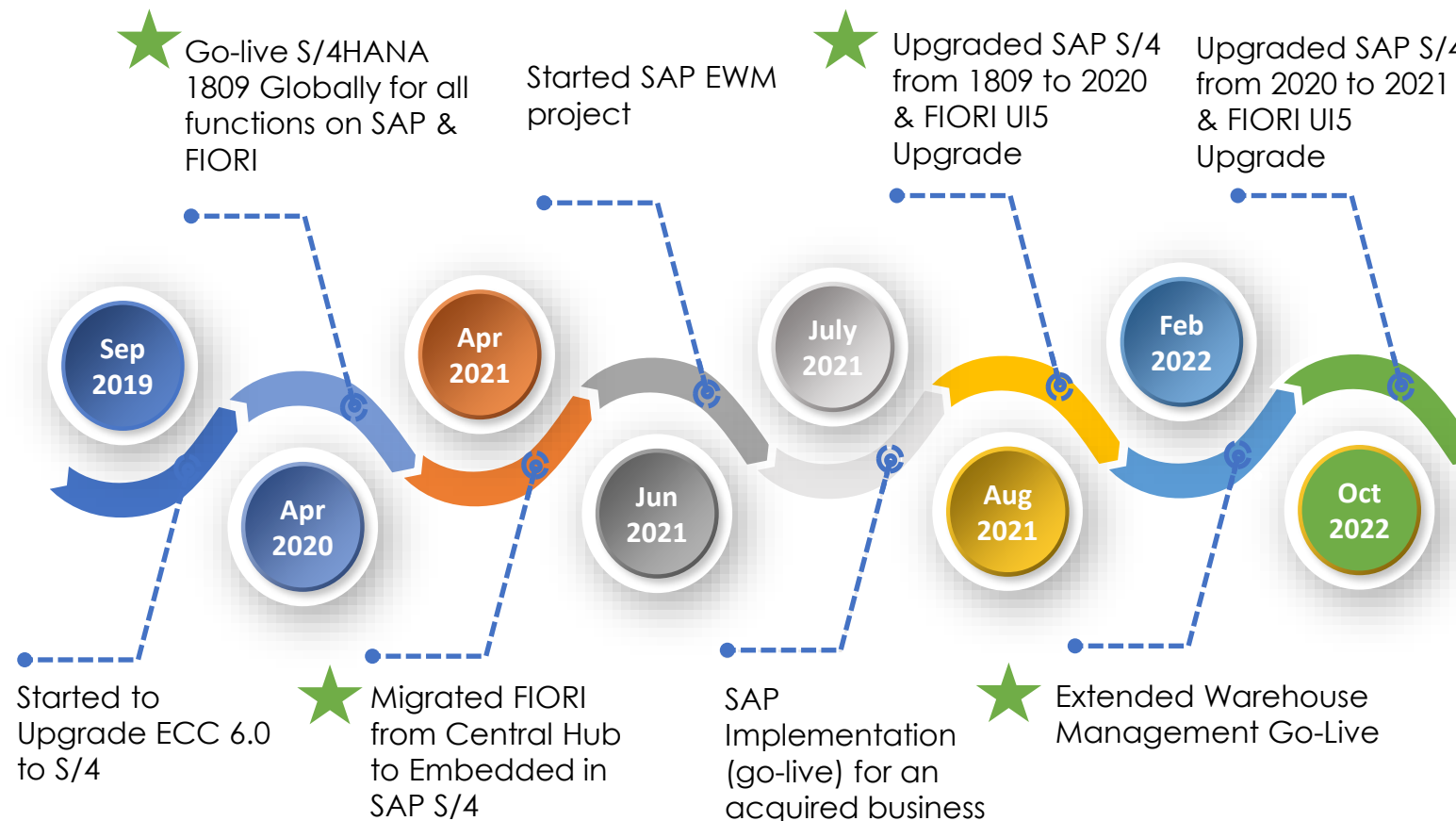
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- New Visualization Options - Reporting on SAP data is now on SAP S4, FIORI or SAC
 - Real-Time - Empowered users with real-time, self-service analytics
 - Simplify Landscape - Reducing total cost of ownership (TCO) by simplifying landscape
 - Fast Data Access - Process a large volume of transactions quickly, accelerating the monthly close process



- Standardization - Standardize global accounting and reporting packages for periodic financial closing
- Consistency - Everyone globally looking at the same number produced the same way
- Time-Savings - Cut significant manual effort for downloading, manipulating, and piecing together reporting and allowing for eliminating errors with manual process

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- FIORI dashboard – New spaces and pages enable optimal user's experience
 - One-stop shop - to find what I need
 - Ease of Access - Access FIORI on Public Internet (avoid VPN and device dependency)
 - No Software Installs - No baggage of GUI installation for users

Timeline of SAP S4/HANA in Vista since April 2020



Important Guidelines:

- Continuous incremental roll out of FIORI apps through out the duration since April 2020
- Adopt innovation provided in quarterly updates in products like SAC
- Annual SAP S/4 Upgrades
- Continue to empower users by inversion of control
- Continuous improvement to provide users seamless experience between FIORI and SAC
- Continue to explore, implement and adapt iRPA and AI capabilities

A large orange circle containing the text 'Vista's EWM Journey' in white. A small blue circle is positioned at the bottom-left edge of the orange circle.

Vista's EWM Journey

A series of five yellow curved dashes forming a partial arc.

Key elements to building the business case:

Vista's Supply Chain

Business Justification for Implementing EWM

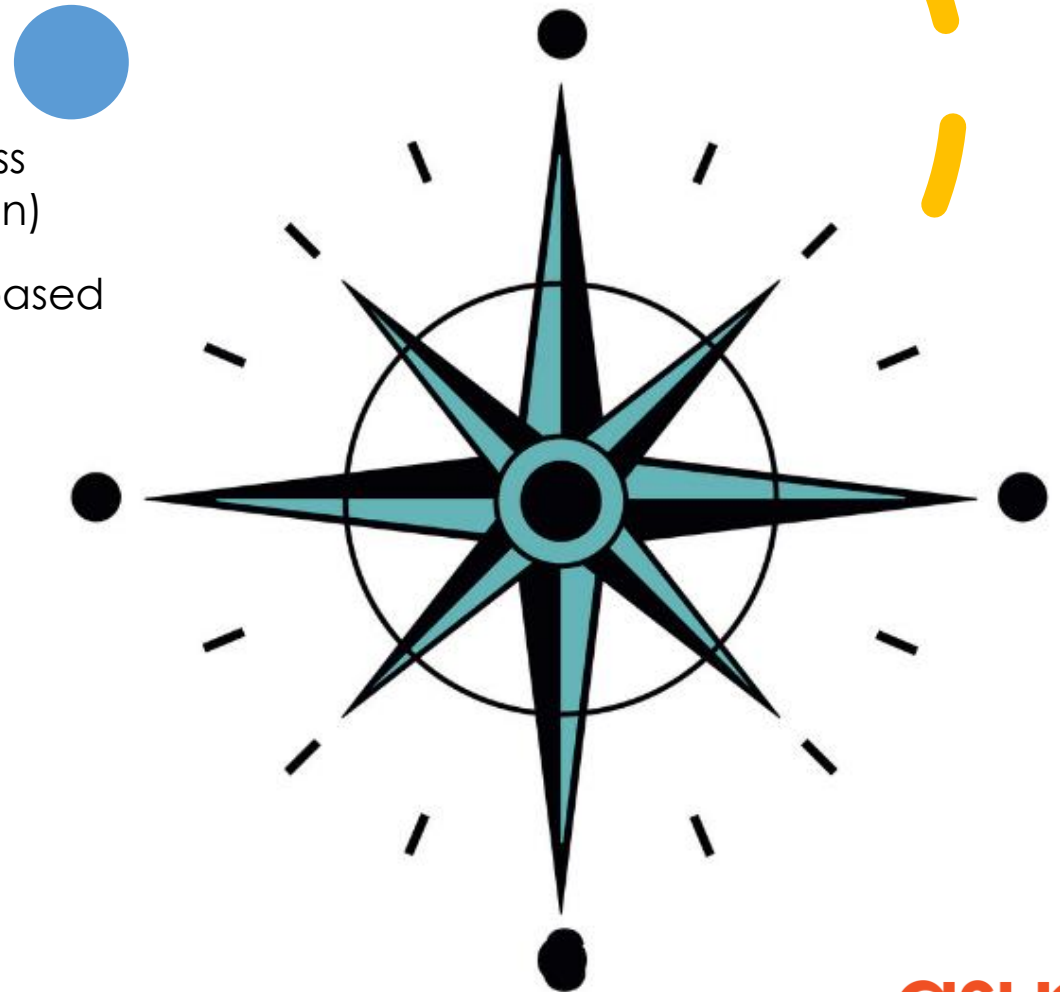
- WM lacked functionality to support future growth and expansion of Vista
- Certain process developments came to a standstill impacting logistics
- System was highly customized thus leading to costly maintenance
- WM reaching end of support
- Support Vista's in house production planning system

Benefits of EWM

- Better business process design abilities and control
- Increased productivity rates and inventory accuracy
- Tighter integration and improved visibility
- Ability to use EWM out of the box solutions

Vista's North Star was defined by the following:

- Optimize Inbound put away in conjunction with Cross Docking (Pre allocated stock tightly knit with Kanban)
- Raw material replenishment at the production line based on service level
- Next generation JIT
- Traceability
- Support Vista in complying with Customs
- Customization lessened + tech team's ease in doing upgrades/code remediation
- EWM becomes the human eye when it comes to monitoring the warehouse



- Measurement of complete throughput time to customer
- Accurate information about stocks (Kanban and JIT)
- Urgency dashboard, TO monitor for shop floor
- Warehouse occupation
- Cycle count result



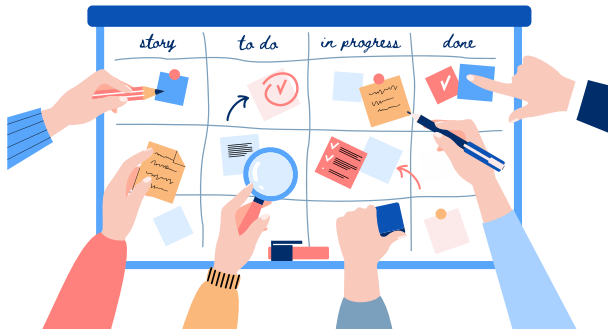
Increased supply chain visibility and Inventory efficiency through real time metrics and analytics

One of the biggest benefits that Vista got out of EWM project is inventory accountability and it was achieved via:



Next Generation JIT (EWM 10.1 on SAP S4/HANA 2020)

- Easier integration with 3rd party production systems
- Complete inventory transparency from the word go
- Capture intricate details of every inventory move – Cart Picking
- Adoption of PSA's in its truest sense
- Measure throughput



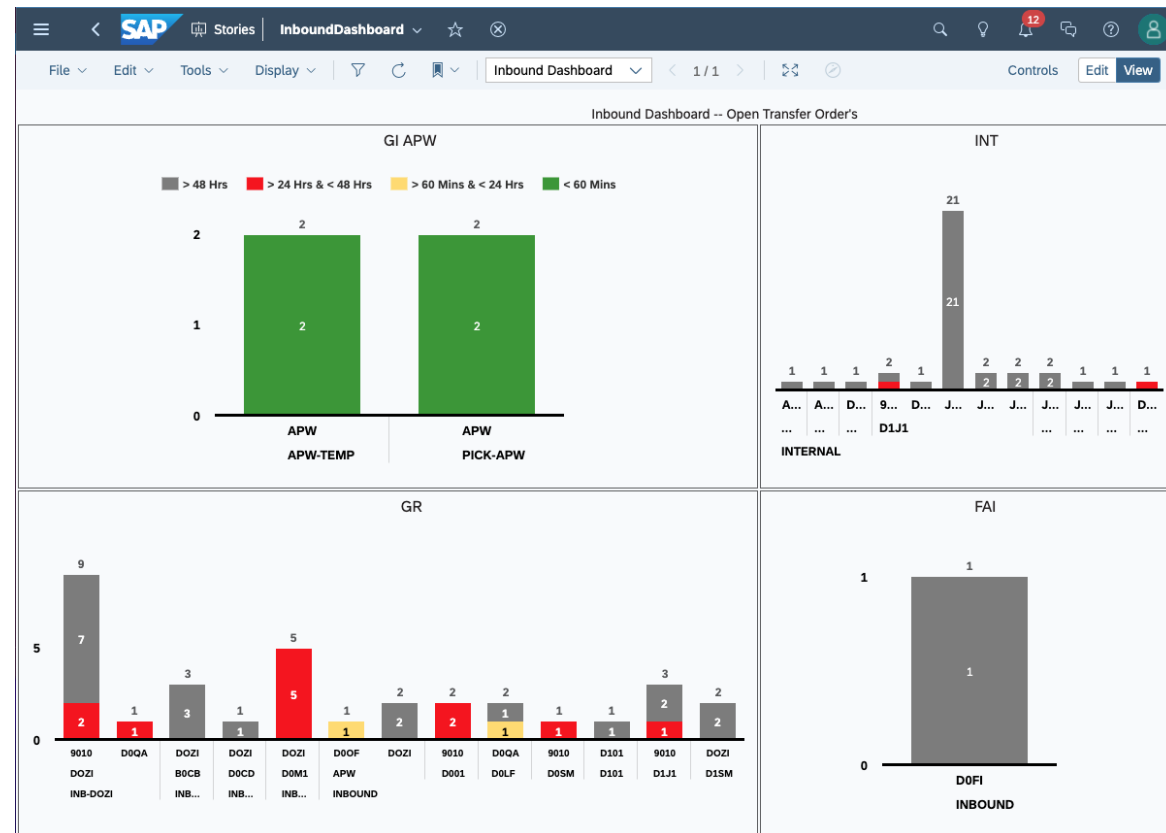
Kanban

- Kanban's flexibility in EWM Vs WM
- Inventory accounted for till the minute of the Goods issue
- Kanban ease of integration with the shopfloor design and layout

Value Case Study (EWM Operational Work Queues)

SAP Analytics Cloud Standardized Reporting Packages

- EWM go-live gave us a much lower level of system tracking and control of plant-floor movements
- Real-time plant analytics that give line-managers in the warehouse a quick snapshot of the logistics queues and where things may be stuck



Increased delivery speed and Inventory efficiency through automation in EWM

Given the large footprint of our warehouse in conjunction with the pandemic infused labor shortages, Vistaprint integrated the following warehouse automation tools in EWM more easily.

Automated Guided Vehicles passing through multiple transient points in the WH

- Interfaced SAP to AGV via EWM's multi step LOSC
- Could expand to Replenishment when the need arises easily

Wireless Kanban

- Interfaced SAP to Wireless Kanban via EWM's multi step LOSC

Automated Pallet Warehouse



More robust RF processes to reduce the need for customizations

Vista was able to tap into SAP's mobile EWM applications on RF mobile devices helped to improve efficiency in a typical warehouse:

- Receiving
- Put away
- Replenishment
- Picking



Benefits of EWM RF framework

The benefits of using mobile EWM applications in the warehouse include:



More Streamlined Movements

Streamlining, tracking and communicating movements



Better Customer Service

- More streamlined picking processes in the warehouse allowing workers to fulfill orders more quickly
- Fewer missed shipments and happier customers



Real-Time Inventory Visibility

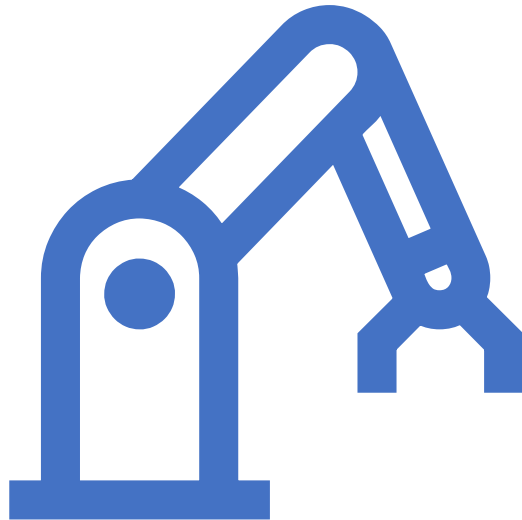
Immediate visibility into your inventory as it is received and put away



Reduced Labor Costs

reduce redundant effort, multiple trips ultimately leading to reduced labor

What's Next



- Roll out EWM to Vistaprint's largest manufacturing plant, followed by the rest of the manufacturing plants located across the world
- Explore latest and greatest offerings in EWM to benefit Vista's logistics users further

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North America	550+
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Europe	50+
South America	100+



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Q&A



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