How to Create the Intelligent Procurement Process
Achieving Efficiency Gains through Automation

Nidhideep Bhandari
Partner, VP Integration
ConvergentIS

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Angela Harvey
VP Marketing & Solutions,
SAP Process Automation

Andy Mulumba
Director, NA Platform & Technology
Center of Excellence – BTP |
Intelligent Spend Management
SAP and ConvergentIS Americas

Ajay Nandepu
Senior Consultant Development
ConvergentIS

Naved Rashid
Senior Product Specialist of
Product Success
SAP and ConvergentIS
Process Automation
SAP India

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Agenda

Introduction

SAP Process Automation

High Tech Manufacturing

- Reselling Computer Chip Systems

- Solution

Questions & Answers

Introduction

Focus on High Performance Objectives

1

Productive Improvement
- Enables procurement to facilitate the smooth flow of goods and services in a cost-effective, timely manner to continuously reduce product, process, and channel costs

2

Technology
- Assists procurement to leveraging information technology superiority that will provide supplier and delivery visibility and will remove unnecessary process redundancies

3

Velocity
- Enables purchases to assist the entire organization to increase the velocity of getting new products to market, removing blockages clogging the flow of inventory through the supply channel, and delivering an exceptional customer buying experience.
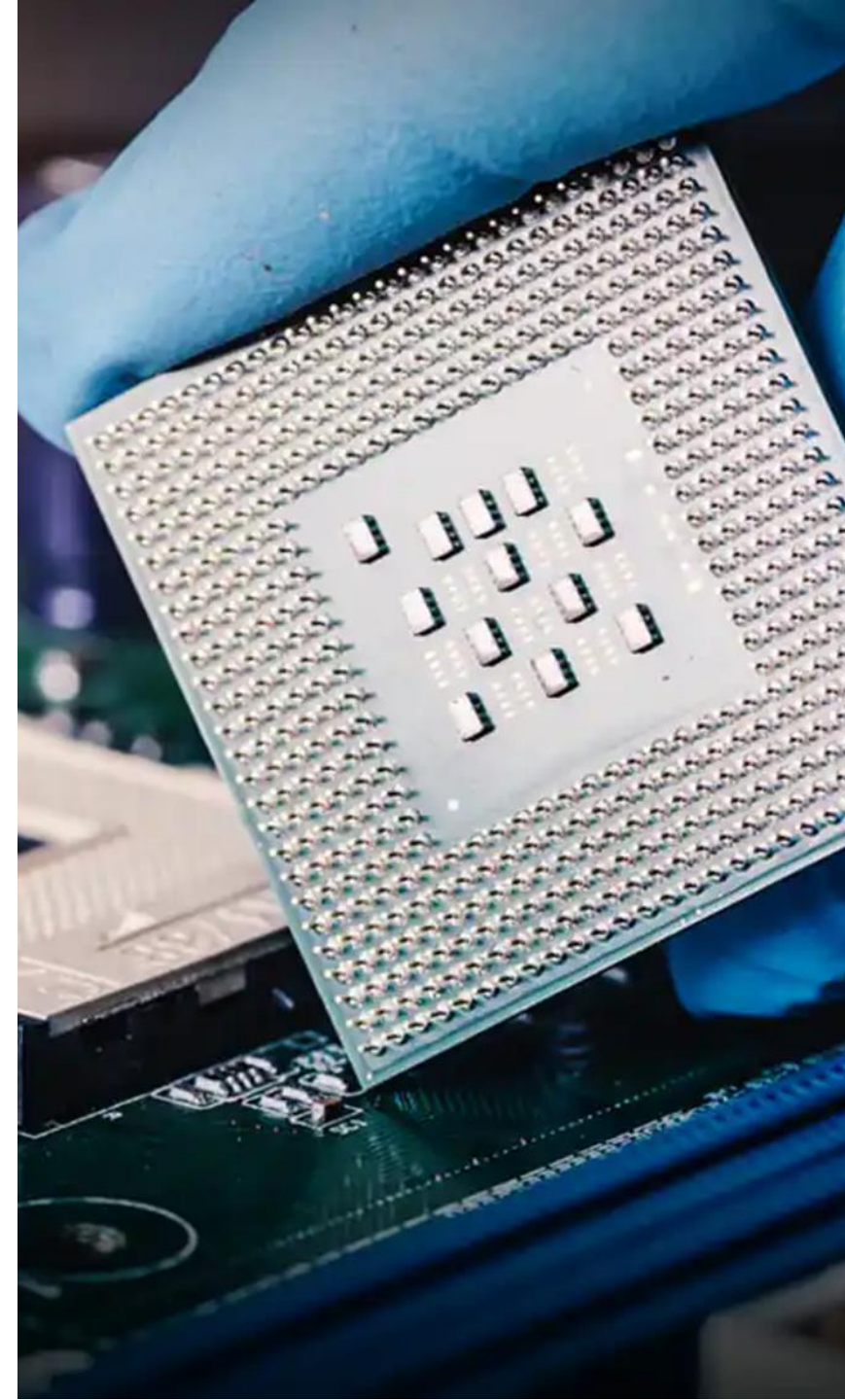
SAP Process Automation

SAP Process Automation use cases

Automate manual, repetitive tasks

"Lights-out" automation of high-volume process steps

Automatically aggregate data from multiple systems

Lead to Cash	Capital Expenditure Approvals	Invoice Approvals	Account Opening
Hire to Retire	Relocation	Visa Permits	HR Employee Self Services	Managing Contingent Workers
Design to Operate	Master Data Record Update	Document Approval	Lead Generation Workflows
Source to Pay	Return Order Process	Incident Management	Procurement Data Collection

Digitalize manual & semi-automated processes

Extend and adapt standard application flows

Automate end-to-end cross-application workflows

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Introducing SAP Process Automation

SAP Process Automation

SAP SIGNAVIO
Process manager
Process mining

Integrated process insights and customer sentiments

qualtrics XM
Experience management

Process

Form

Intelligence

Task center

Advanced workflow

Business rules

RPA

Process visibility

Citizen app dev

Pro-code app dev

100s of pre-built automations | API complexity is hidden

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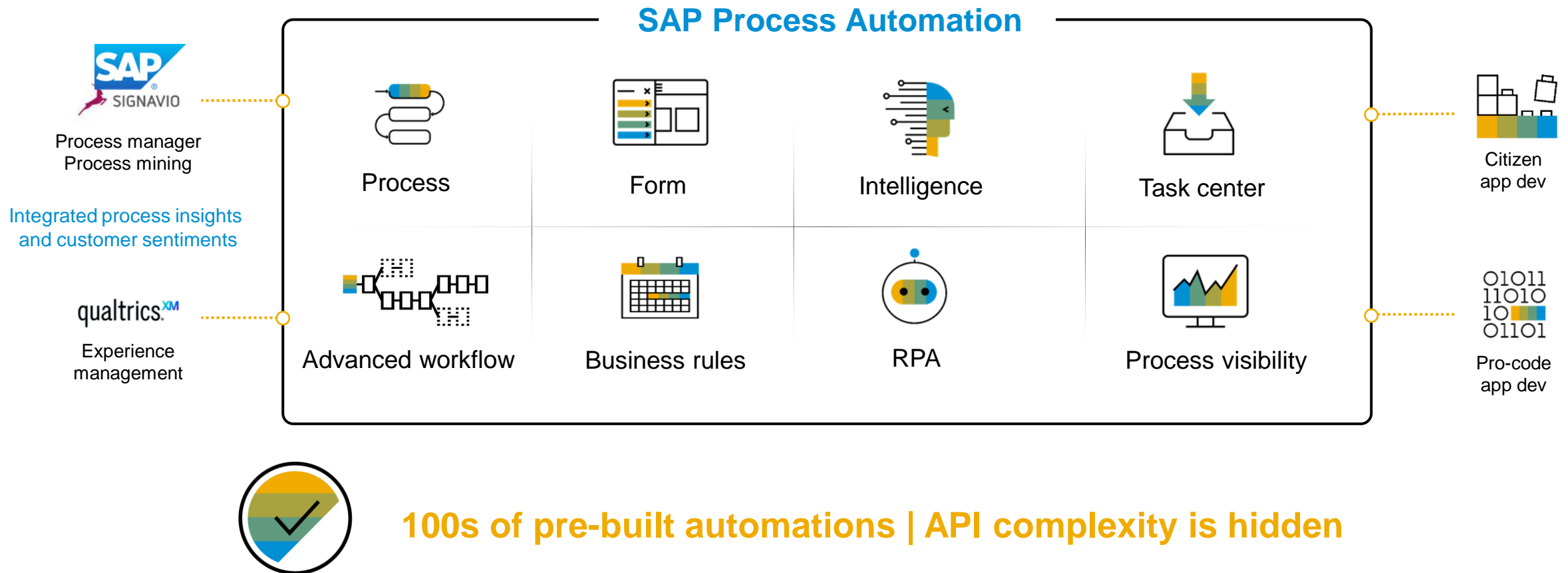
SAP Process Automation—sample for purchase requests

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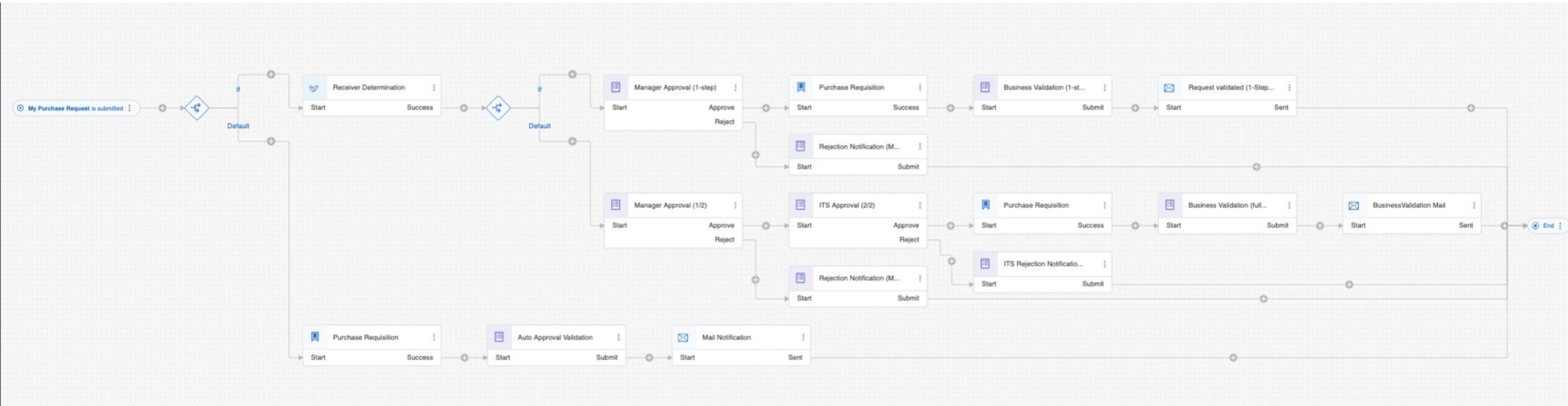
High Tech Manufacturer

Reselling Computer Chip Systems

High Tech Manufacturing Company:
Who are they?

Computer chip fabrication equipment and services allow chipmakers to build smaller, faster, and better performing electronic devices. Combines systems engineering and technology leadership.

HQ:	California, USA
Industry:	High Tech
Employees:	~12k
Revenue:	~$12Billion

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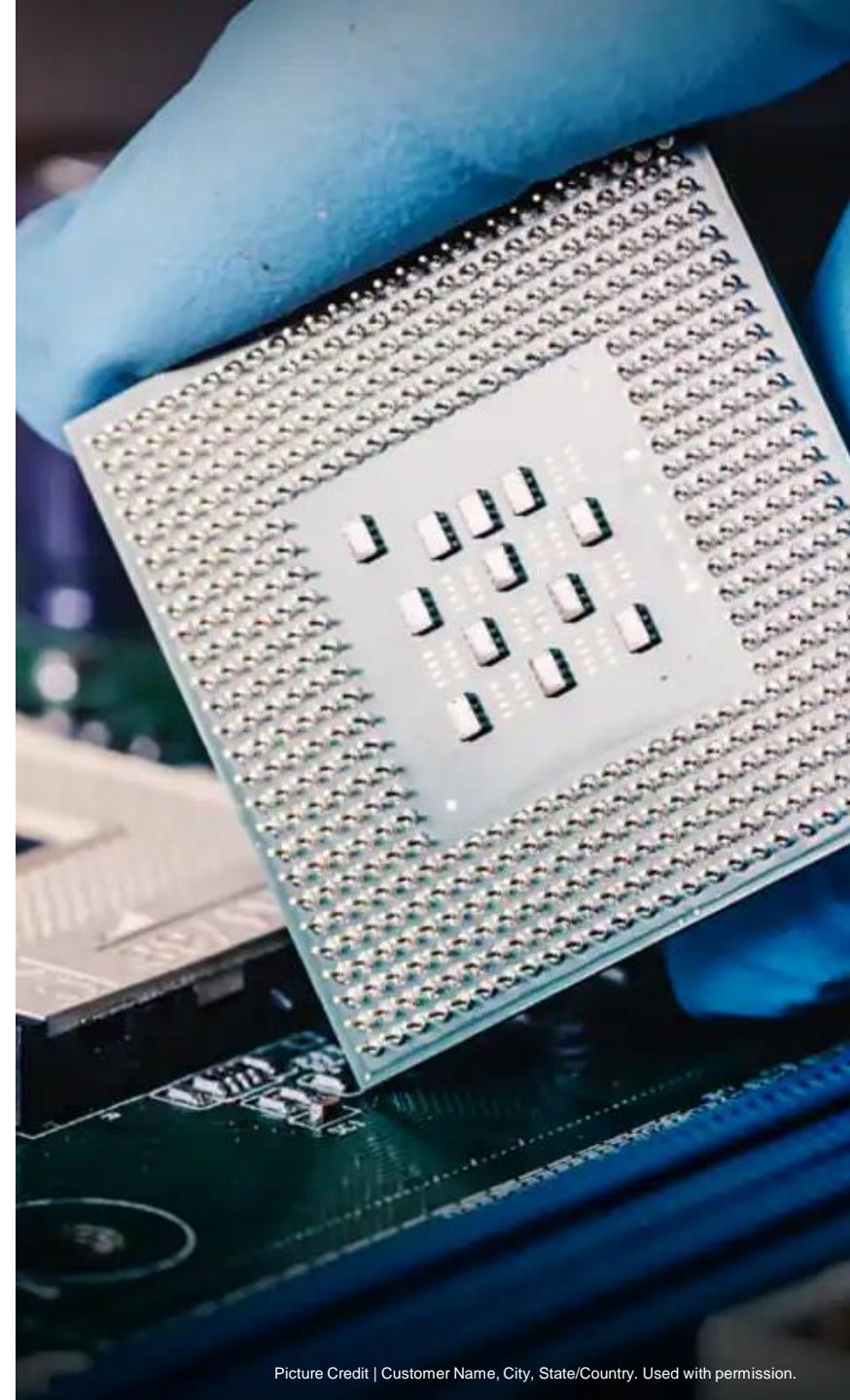
High Tech Manufacturing Company:
Project Description

- Management System for Computer Chip Manufacturing System Acquisition and Reselling
- Enables the following:
  - Tracking of previously sold equipment
  - Acquired back from the used market
  - Refurbished
  - Sold to other customers.
- Multifaceted, complex and highly cross-functional project requiring features to enable acquisition analysis, data collection, approvals, inventory tracking workflows.
- Facilitates tracking, maintenance, and consumption of Computer Chip Manufacturing System inventory
  - Finished Good Inventory
  - Customer-Owned Computer Chip Manufacturing Systems

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High Tech Manufacturing Company:
Problem

- Improper data integration with installed base led to manually entered data for Computer Chip Manufacturing Systems

- Computer Chip Manufacturing Systems status not in sync with status/movement of goods on SAP ERP systems leading to fallout

- Current financial and supply-demand reports demand lot of manual effort for analysis and business alignment.

- Need for business to work with 2-3 different systems to get complete information

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High Tech Manufacturing Company: Goals

- Enable a more scalable, easy to maintain and long-term application solution
  - Provide for real-time/near real-time integration with SAP ECC & CRM

- New & improved features, better performance
  - Intuitive user-interface and more automated business process
  - Advanced Mobile experience for users
  - Better document upload capacity and speed (~1TB)

- Current usability and avoid extensive retraining of users/stakeholders.
  - Technical currency and consistency

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High Tech Manufacturing Company:
On Track to Achieve Key Results

- Productivity increase by SAP milestone automation – 80%

- Reduce fallout by 80% of status and goods movement in alignment with SAP ERP

- Reduce turnaround time for approvals by 75%

- Reduce manual effort in inventory reconciliation and supply-demand capacities by 50% with better reporting

- Reduce need to work with different data systems/platforms by 80%

- Provide better visibility to track key event changes by 100% - Better transaction and module history view

- Reduce the manual effort in Field-Audit assessment using QR codes by 70%

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Solution
Reselling Computer Chip Systems

Design & Product Highlights

Design & Product Highlights

Mobile-friendly approvals process for executives using BTP Inbox and responsive app design.

Approvers can easily receive, view, and action their work items wherever they are, from any device.

The BTP feature is being introduced at the High Tech Manufacturer for first time!
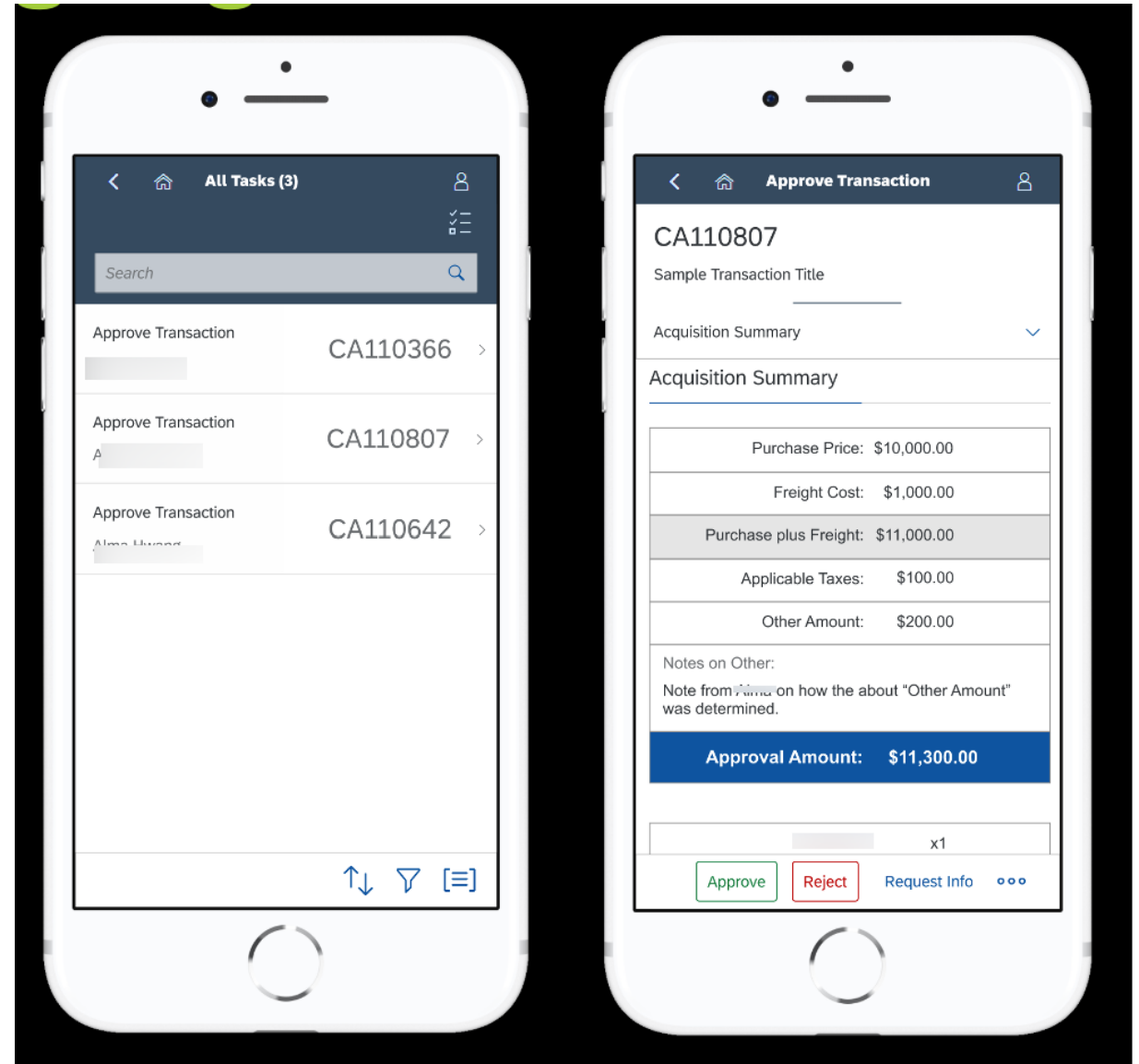
Design & Product Highlights

Automatically generated QR code on crate labels.

When out in the field, users can quickly scan the QR code using their mobile phone camera to open the relevant transaction information.

PART NUMBER **576-00000001**

SERIAL NUMBER	DESCRIPTION	REFERENCE PART NUMBER
23FDX-278	**Flex DX 2300**	**12345678900**

TRANSACTION NUMBER	COPPER EXPOSURE	CRATE COUNT
CA110809	**YES**	**1 of 2**

AUDITOR	COMMENTS
Person's Name Number	Example Comment

Design & Product Highlights

Progressive milestone tracker

Users can easily view the overall status/progress of the transaction workflow, start and complete them without having to navigate to a different screen.

Granular, searchable history.

Users are able to see history of changes to key fields, statuses and milestones, which is useful for context and auditing.

Design & Product Highlights

Flexible column layout used throughout product.

This layout allows users to see two levels of information at once (e.g. header and details), providing hierarchical context, maximizing the use of screen real estate, and minimizing the number of clicks needed to find information. Ultimately, this results in less duplication of information and fewer screens overall.

Design & Product Highlights

Comments are displayed in a conversational-style thread for easy reading and context.

Users can easily follow the progression of the conversation and see important information about each comment, including user and time stamp.

Comments

Add a comment...

>

George Washington: Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.

Dec 21, 2014

You: Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum.Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, ... MORE

Nov 24, 2014

George Washington: Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore

Nov 22, 2014

You: Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat

Jan 16, 2014

Conclusion and Q&A

Where SAP Process Automation can help

Data Collection

Consolidate and manipulate data & documents from multiple data sources, e.g., employees, vendors, websites, applications

High Volume Transactions

Handling process steps multiple times, like copy & paste e.g., data entry, report generation, data migration

Extended Core Business Processes

Digitize the entire journey across multiple applications during process execution e.g. web application, SAP S/4HANA, and non-SAP systems

Approvals

Dynamic workflows for various processes that help collect necessary approvals, update system of records and manage initiatives & budgets

Simplify New Processes

Elevate employee experience by creating new extended digitized processes with seamless integration with SAP and non-SAP applications

Process Visibility

Get visibility of live process journey, time taken at each step & entire process, where are requests, SLAs breached, escalations

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Thank you.
More questions? Contact us!

Contact information:

Nidhideep Bhandari
Partner, VP Integration
ConvergentIS
NBhandari@convergentis.com

Angela Harvey
VP, Marketing and Solution
Management, SAP
Process Automation
angela.harvey@SAP.com

Andy Mulumba
Director, NA Platform & Technology
Center of Excellence – BTP |
Intelligent Spend Management
SAP Americas
andy.mulumba@SAP.com

Ajay Nandepu
Senior Consultant Development
ConvergentIS
anandepu@convergentis.com

Naved Rashid
Senior Product Specialist of
Product Success
SAP Process Automation
SAP India
naved.rashid@SAP.com

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