



PegaWorld

JUNE 7-9 | LAS VEGAS

[PEGAWORLD.COM](https://pegaworld.com)

PEGA & SAP INTERPLAY IN S/4

PEGA AS ENABLER FOR
CLEAN CORE

COLLABORATE. CONNECT. ACCELERATE.
Delivering Intelligent, Compliant, and Agile Business Processes



Revolutionizing ERP: Cloud-ready, Clean-core, and Pega-powered

THE ELEPHANT IN THE ROOM

Why SAP customization
is killing your agility



TECHNICAL DEBT

AM/AO costs are eating up IT budgets.
Every Z-transaction adds
regression risk.



UPGRADE FRICTION

Hundreds of custom Z-programs
need retesting with every release.
Capacity for innovation vanishes.



CLOUD READINESS

Custom ABAP creates additional effort
in cloud migration. Public cloud
upgrades become customer-managed
nightmares.



The more custom code, the higher the effort —
not only IT-wise, but also business-wise.



WHAT IS CLEAN CORE?

A system landscape as close to standard as possible, running cloud-compliant extensions and integrations — allowing you to adopt new capabilities and adapt to changing business requirements.



DECOUPLE
extensions



CONTROL
data standards



**RELIABLE &
FLEXIBLE**
landscape



EFFECTIVE
operations



THE DILEMMA

STANDARDIZATION IS ESSENTIAL — **BUT INDIVIDUALIZATION REMAINS NECESSARY**

SAP STANDARD

Robust core processes



Time tracking, payroll, master data



Standard Fiori apps



Cloud-ready, upgrade-safe

VS

INDIVIDUALIZATION



Document-based workflows



Cross-system orchestration



Mobile-first services



Contact center integration

WHERE DOES **INDIVIDUALIZATION** HAPPEN?

SAP'S EXTENSIBILITY MODEL

FOUR TIERS — AND WHY **SIDE-BY-SIDE** IS THE STRATEGIC PLAY

01

KEY USER EXTENSIBILITY

Simple UI adaptations,
custom fields



02

ON-STACK DEVELOPMENT

ABAP Cloud,
RAP model



03

SIDE-BY-SIDE (BTP)

Cloud extensions,
loosely coupled



04

SIDE-BY-SIDE (PEGA)

Pega platform,
workflow



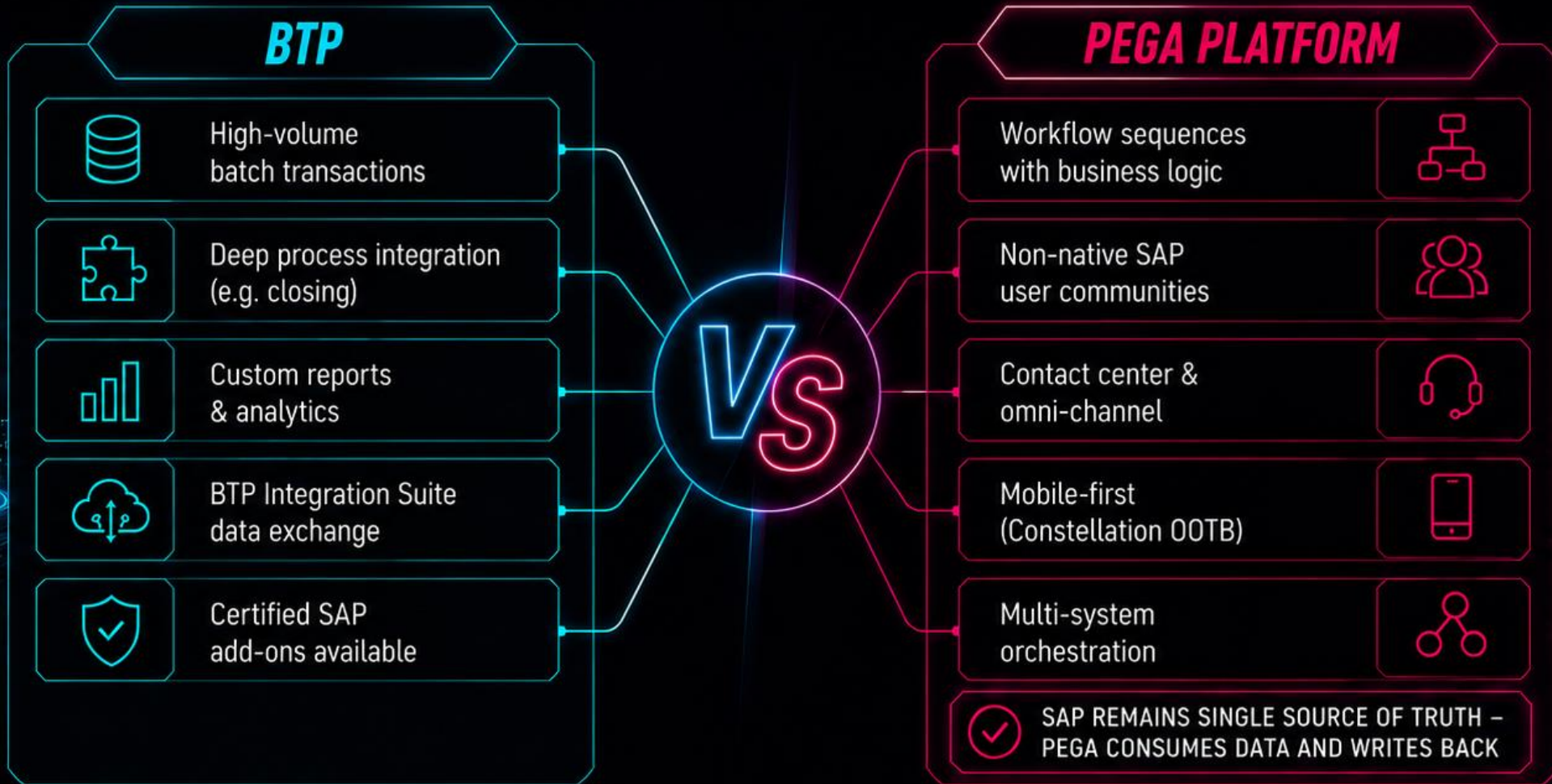
THE STRATEGIC PLAY IS IN **TIER 3 AND 4**

THIS IS WHERE PEGA ENTERS AS A
POWERFUL OPTION ALONGSIDE BTP

A POTENTIAL **DECISION** FRAMEWORK

SELECTING BETWEEN **PEGA** AND **BTP** / CLASSICAL ABAP PER USE CASE

My Take
PERSONAL OPINION



NOT EVERYTHING GOES TO PEGA. CHOOSE THE **RIGHT TOOL** FOR THE **RIGHT JOB**.

OUR JOURNEY

From 800 HR Processes to a reusable Enterprise Platform

Brief recap on project HRCules – the fully digitized HR services production line



800

PROCESSES



20+

COUNTRIES



150K+

USERS



ONE

PLATFORM



CASE STUDY: HRCULES

PEGA AS THE DIGITAL HR PROCESS PLATFORM

SAP HCM

DATA-LEADING CORE

EXAMPLE



- Standard processes
- Time tracking, Payroll
- Master data

PEGA HRCULES

INDIVIDUAL PROCESSES

EXAMPLE



- Sick child leave
- Life-time work accounts
- Contract generation

SUCCESS FACTORS

TALENT MANAGEMENT

EXAMPLE



- Recruiting
- Skill management
- Succession planning



~800

PROCESSES

ACROSS 20+ COUNTRIES



CONSOLIDATED &
STREAMLINED TO

300

PROCESSES



43

PEGA
APPLICATIONS



150,000

ACTIVE USERS

MEASURABLE IMPACT



35%

ZERO-TOUCH
RATE
IMPROVEMENT



80%

REDUCTION IN
REDUNDANT
REQUESTS



3x

FASTER
WORKFLOW
IMPLEMENTATION
VS. CLASSIC ERP



50%+

DATA QUALITY
IMPROVEMENT



SIMPLE PROCESSES:
< 1 MONTH



COMPLEX PROCESSES:
3-6 MONTHS



TEMPLATE PROCESSES:
1 WEEK

THE SECRET SAUCE: LAYER CAKE

Building reusable modules that compound over time



INDIVIDUAL PROCESS LOGIC

Unique business rules
per use case

REUSABLE WORKFLOW MODULES

SAP connectors, SSO,
archiving, doc generation

INTEGRATION PLATFORM

REST APIs, BTP Integration Suite,
TARDIS middleware

SAP CORE (S/4HANA, HCM, SF)

Single Source of Truth – master data,
payroll, financials



BUILD ONCE. REUSE MANY TIMES. DELIVER FASTER. REDUCE COST. DRIVE EXCELLENCE.



THE **AVV PILOT** — PROVING THE MODEL IN A NEW DOMAIN

SAP S/4HANA + **PEGA** + DOCUSIGN

A PROOF OF CONCEPT WITH



aaseya
A YASH TECHNOLOGIES COMPANY

&



PEGA[®]

THE TEST DRIVE **APPROACH**

FROM DOCUMENTATION TO TEST-READY PILOT IN 17 DAYS

1

AI DISCOVERY

GenAI Blueprint processed 300+ pages of documentation



7 DAYS

2

WORKSHOP & VALIDATE

Business-IT co-creation with Blueprint visual language



3 SESSIONS

3

BUILD

38 user stories, 3 case types, SAP + DocuSign integrations



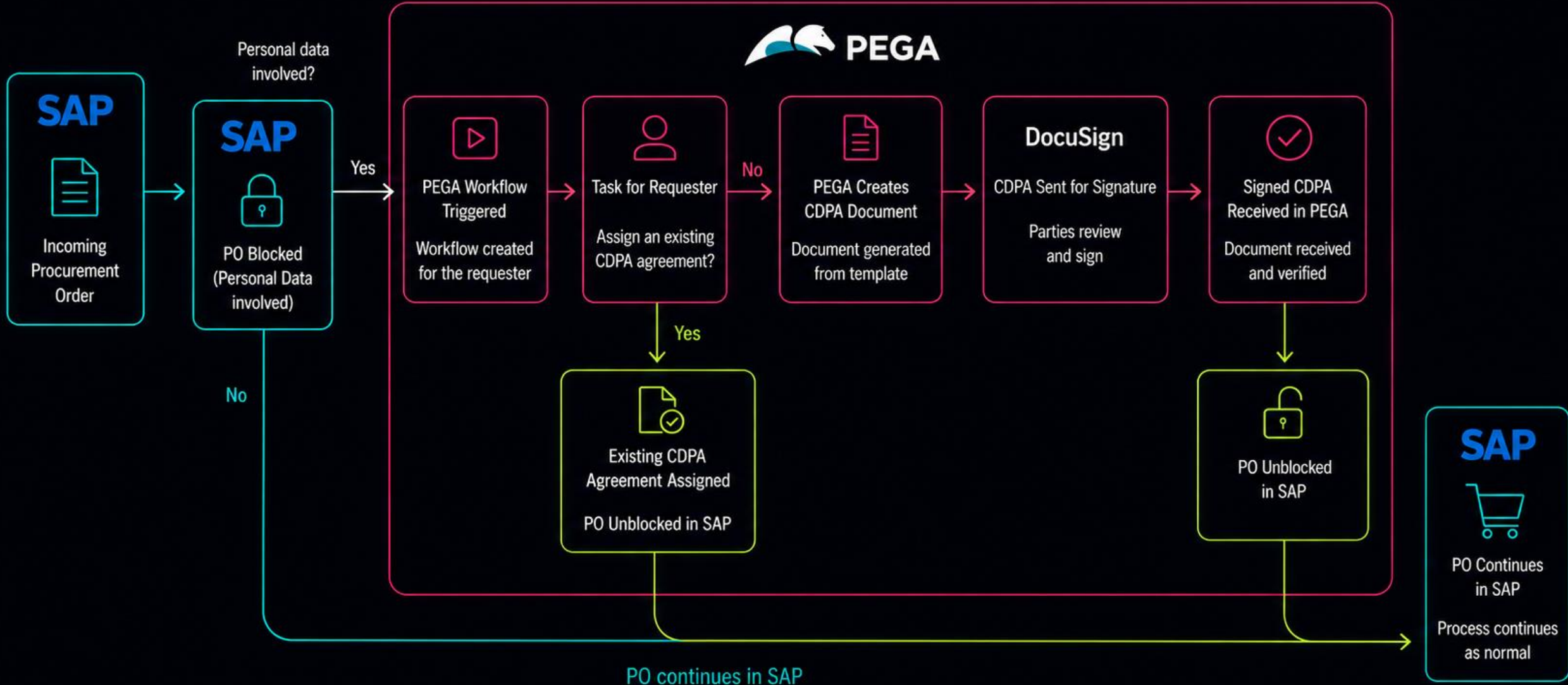
10 DAYS



60% TIME SAVED COMPARED TO TRADITIONAL DISCOVERY

CDPA PROCESS FLOW

ENSURING COMPLIANCE BEFORE PROCUREMENT CONTINUES



GOVERNANCE THAT SCALES

THE DESIGN AUTHORITY MODEL — KEEPING CLEAN CORE ACROSS TEAMS



BUSINESS NEED VALIDATION

- Is this beneficial?
- Is this necessary?
- Is this differentiating?



FIT-TO-STANDARD ASSESSMENT

- SAP standard possible?
- Add-on available?
- Avoid custom extensions



WHERE & HOW TO BUILD

- Fiori? BTP? Pega?
- Add-on cost analysis?
- Clean Core compliant?

WHY PEGA IN THE WORLD OF SAP?

DW | My Take

Personal Opinion



FAST TIME TO MARKET

Low-code enables rapid deployment without waiting for release cycles



E2E ORCHESTRATION

Cross-system process orchestration connecting SAP, legacy, and 3rd party



SUPERIOR CASE MGMT

Robust rules engine, AI/decisioning beyond native SAP capabilities



DECOUPLED FROM CORE

Externalizes process logic and UI — reduces technical debt in SAP



BUSINESS-IT COLLAB

Business users co-create apps via low-code



AI & AUTOMATION

Native AI, ML, and RPA — intelligent process optimization built in

SUCCESS FACTORS

Lessons learned from delivering at scale

01



Invest in Understanding

Pega has its own philosophy — just like SAP. Both IT and business need to learn it. Training is non-negotiable.

02



Start Simple, Build Incrementally

Don't design reusable components on a whiteboard. Start with a real process and let modules emerge organically.

03



The Business Architect is Key

The critical role sits at the intersection of business and IT — someone who writes complete user stories and moderates both sides.

04



Document and Catalogue

Every reusable integration and module must be documented so future teams find and leverage them.

05



Establish Strong Governance

Design Authority reviews ensure reusable elements aren't ignored. Fast-track simple cases, deep-dive on exceptions.

“The first bun pays for the oven.”

The first implementation is harder. Everyone who follows benefits enormously.



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Questions & Discussion



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