

Upgrading to SAP[®] EHP8

Best Practices on Your
Path to Innovation

eBook



What's Inside?

3 | SAP EHP8

- › Make the Right Business Case
- › New Functionality Enables Innovation
- › SAP EHP8 - What to Expect?

5 | 5 Best Practices for Upgrading to SAP EHP8

10 | Test Smarter, Test Faster

SAP EHP8

Make the Right Business Case

The question is not why move to the latest EHP, but instead more specifically, the question should be: what are your company's motivations to upgrade to SAP EHP8? SAP enhancement packages are optional packages that deliver new or improved business functions which can be selectively deployed. Upgrading always implies a considerable investment on impact analysis, correction of your custom code and regression testing. So you should work on a business case analyzing the benefits you get with the new functionality vs. the implementation cost.

The Business Benefits of SAP EHP8

- › The consolidation of nine EHP7 SPs
- › Improved enablement for data protection and privacy with NetWeaver 7.50
- › A foundation for ERP customers transition to SAP S/4HANA. SAP EHP8 offers easier conversion to S/4HANA, with NetWeaver 7.50 as the basis for SAP EHP8 and S/4HANA.

New Functionality Enables Innovation

SAP EHP8 is packed with new functionalities. There are 32 innovative processes that run through different industries, LoBs, HANA and more. Also, cross-application component versions merge to simplify structure.

Industry-based Innovations, for Retail, Public Sector, Media and Utilities

- › Harmonized Processes for Wholesale and Retail
- › Debt Management
- › Enhancements in SD and MM

LoB-based Innovation

- › Finance - SAP Treasury Management
- › Commodity Management - Enhancements in Commodity Pricing
- › R&D Engineering - Engineering Record Development
- › HCM - Renewal Organizational Management and People Administration

HANA Optimization and Fiori-like Apps for the Oil Industry

- › Faster decision-making through real-time visibility into stock positions and improved simulation functionalities
- › More effective reporting through immediate access to up-to-date schedule information
- › Optimized inventory levels through better visibility

Harmonized Processes for Wholesale for Fashion Management

- › Harmonizing and optimizing processes
- › A single, shared global inventory with common master data concepts
- › Multi-channel planning and procurement, enabled ATP and order allocation addressing shortages and priorities

Get an SAP EHP8
Upgrade Assessment

Free Demo »

SAP® EHP8

What to Expect?

MANY new processes and changes. With the new comes the unknown:

500,000 New ABAP Programs

35 Million New Code Lines

~ 8000 New SAP Notes

1330 + (Accumulative) Business Functions,
With ~240 New Functions Specific to EHP8

32 New Business Processes

Ask Yourself

How will the upgrade effect my existing processes?

Will these processes produce more complications when upgrading?

Get an EHP8 Upgrade
Assessment

Free Demo »

5 Best Practices

SAP EHP8 brings new challenges to the upgrade, touching multiple industries and core lines of business like Finance and HCM. It is critical to begin each project with full visibility. Start with a plan that ensures maximum efficiency and effectiveness with automation, prioritization and consolidated project activities. Best practices include:

#1 | Analyze what will break

Before upgrading, analyze what will break ahead of time. Don't assume that your standard transactions won't be impacted by the EHP upgrade. Remember - there are thousands of notes released, many of which alter the behavior of standard transactions.

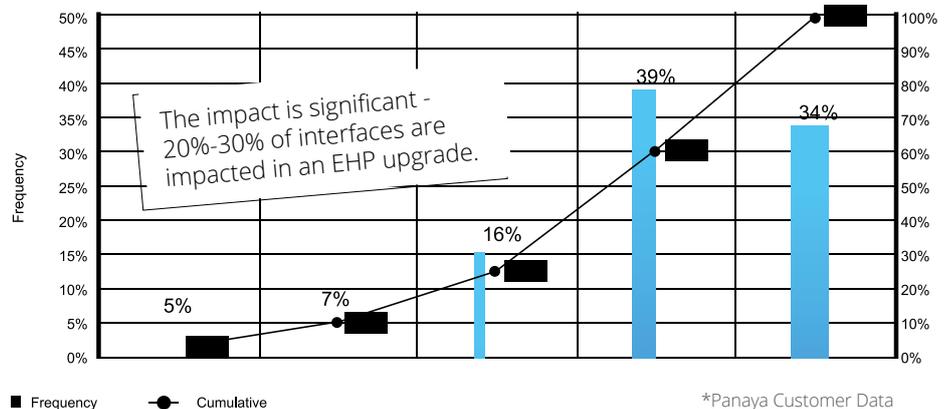
Gain visibility into impacted objects and their respective productions usage and Test Coverage Score. Benefit from an automatic Code Quality analysis. Identify defects and their correction tasks.

Map any impacted entry point within your business process library to understand the downstream impact on any business process while optimizing your regression cycle.

#2 | Consider impacted satellite systems

Assess the impact of the upgrade on the interfaces to your SAP system. Chances are, you have dozens, if not hundreds, of integration points to your ERP. Are you familiar with them all? Did you consider which may break?

40 percent of SAP shops have 20-50 systems interfacing with their ERP. Of these, less than 10 are SAP systems. Each of these systems have dozens of interfaces to the ERP system. This amounts to hundreds of integration points!



After having completed thousands of successful EHP upgrade projects with over 1,600 enterprise customers, Panaya has witnessed first-hand that 20-30% of integration points break as a result of the technical EHP upgrade.

Certainly this is a significant risk that must be carefully addressed.

Get an SAP EHP8 Upgrade Assessment

[Free Demo »](#)

#3 | Ensure Code Quality

The proportion of proprietary developments in SAP systems averages over 30 percent in some industries. With statistics showing one critical security defect per 1,000 lines of ABAP® code, SAP system performance can be adversely affected. In fact, a typical SAP system contains 2,151 risks, and with 70% of enterprises regularly skipping security and compliance audits of their ABAP custom code, their SAP system is exposed to major threats.

Securing your code can be simplified.

Organizations no longer need to take on major security projects that require extra IT time, budgets and manpower. By analyzing your code prior to an upgrade, you can identify and prioritize all risk and issues and how to address them before you begin an upgrade.

Automatically combine coding and quality assurance into a single activity to eliminate code instability with predefined ABAP standards for security, performance, maintainability, robustness and compliance.

Finally, be sure to keep only the custom code that you use. Redundant unused custom code increases the efforts in unneeded code corrections, and introduces undue risks.

#4 | Involve business key users and ensure business-level

Get your business key users involved, especially in the test planning and test execution. Without cooperation and collaboration with the business, your project risks will multiply!

How are you doing User Acceptance Testing (UAT)? Are your UAT processes aligned with your business? Do you have buy-in with business users across region and department working together? Are your business users spending time deciphering complex Excel sheets or are they testing key functionality?

#5 | Monitor test progress and coverage

Ensure that you have the means to monitor the test progress and coverage at all times - both for your IT testers and also for your business key users. This allows you to act faster when bottlenecks arise or if you uncover risks in a specific area of the ERP.

Test Smarter, Test Faster

Don't analyze what is not being used.
Different systems are needed to test different things.

Smarter Testing

Reducing the scope of testing while not compromising quality nor risk is a key challenge. However it can be done. And when done right, it really makes the difference in terms of project budget and timelines.

Business criticality is the most common parameter chosen by customers in terms of scoping. However, to create an extremely precise and effective test scope, the additional parameters of frequency of use and level of impact should be included.

Know the Frequency: How frequently used are the transactions?

Use a tool to alleviate the tedious search through your SAP usage logs. Simply do not test what is not being currently used.

Understand the Impact: what is the impact of the SAP EHP8 upgrade on your transactions?

Use an Impact Analysis solution to generate the list of transactions impacted by your SAP EHP8 upgrade.

Faster Testing

Once your scope is optimized, find ways to go through your testing cycles faster. Most organizations focus on accelerating their IT testing. However, what about looking closely at the UAT cycle? With its high number of users and the logistics of coordinating User Acceptance Testing, is there an opportunity to make an impact on project duration?

The answer is yes. All you need is a tool that enables you to:

- › Quickly identify bottlenecks with real time visibility over the testing progress
- › Ease the collaboration between business users required to go through the testing of end-to-end business processes
- › Accelerate the creation of test evidences, saving time that is wasted on capturing screenshots, which will ultimately allow testers to focus on their testing

Panaya Release Dynamix

Next Generation ERP Impact Analysis, Now for Any Change

Reduce the Time, Cost & Risk of ERP Changes and Upgrades by 30-50%

Panaya Release Dynamix [RDx] is the enterprise approach to being more agile in addressing constant ERP application change. Offering a uniquely simple solution for SAP and Oracle customers, RDx combines change impact, code remediation and collaborative testing tools for IT and business to reduce time, effort and risk by 30-50%.

With real-time insights into change risk and quality, and automatic corrective actions, you can quickly and safely release your SAP EHP8 upgrade - or any other business application change - into production. We call this new approach Enterprise Agile Delivery.

Deliver Business Value Faster

Manage changing priorities and keep your ERP relevant in shorter release cycles.

See Everything

Gain visibility into your change implementation with real-time monitoring and reporting.

Sync Everyone

Bring together business, testing, development and delivery teams on a collaborative platform.

Be Proactive

Know what will break at the start with real-time impact analysis.

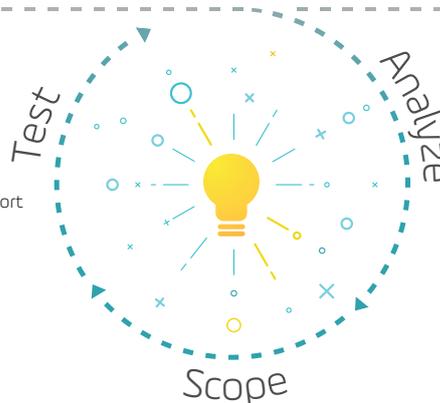
Ease of Use

SaaS solution is intuitive for quick onboarding for both business and tech users.

Plan

- › Requirements management
- › Implement to development

- › Manage
- › Accelerate
- › Document & report



- › Know what to test

Risk-Free Go-Live

- › Continual SAP change delivery

- › Pinpoint the impact
- › Analyze the risk, code quality and conflict

Get an SAP EHP8 Upgrade Assessment

Free Demo »



Panaya, an Infosys company, enables organizations to accelerate application change and continuously deliver innovation with its Enterprise Agile Delivery Platform.

Panaya provides cloud-based application delivery, and testing solutions that ensure collaboration between Business and IT. Enabling enterprise agility with faster release velocity and uncompromising quality, Panaya delivers an optimized user experience with end to end visibility of the application lifecycle.

Since 2008, 2,000 companies in 62 countries, including a third of the Fortune 500, have been using Panaya to deliver quick quality change to enterprise applications.



www.panaya.com

Thank You