

SAP Optimization

Modernizing SAP Systems to Decrease Total Cost of Ownership



***We want innovation
but we can't simply
quit our legacy
applications***



Executive Summary

Application modernization has never been more important to reduce total cost of ownership (TCO) and continue to support business innovation. IT budgets are being squeezed dry and what money we have available is spent maintaining our SAP systems instead of being used to develop new, innovative ideas to support the business.

While we try to keep up with system maintenance, new functionality and products are coming onto the market at a rapid speed. Yesterday's cutting-edge rapidly turns into today's legacy.

We all want innovation but we can't simply quit our legacy applications. Doing so would be too costly as well as time and resource intensive. However, legacy applications tend to divert IT attention away from new projects which support the business, slowing down business progress and creating a barrier to business agility.

There are different approaches we can take to optimize SAP systems

- Continue with business as usual
- Full reimplementation
- Modernization

This whitepaper provides an overview of how IntelliCorp's unique suite of tools is used to modernize SAP systems to enable better business agility, getting you from ideas to implementation faster, cheaper and with lower TCO. Learn how our software helps organizations update old applications without compromising quality.

The Current Situation

SAP Systems Out-of-date

- Lack of time and resources mean we tend to fall behind with things like support packs, implementing them only when we really need to.
- Upgrades: There are still many companies, who, for different reasons, maintain older versions of SAP.
- Limited understanding of what new business functionality is offered in Enhancement Packs mean that companies implement them but switch nothing on.

Vendor Support Out-of-date

- If we are behind on support packs and require technical support, we are likely to be told to bring our systems up to date.

Lack of Resources

- How can we do more with less resources and less time available to us?

Fire Fighting

- Dealing with unforeseen problems when they occur puts a strain on resources and hampers the realization of new ideas.

Inability to Perform Automated Impact Analysis

- Collectively, we spend too much time on tasks that could be automated. Analysing data by hand and trawling through lines of data in spreadsheets are all activities which can and should be automated.

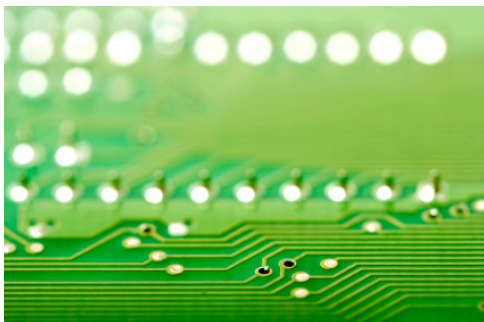
Custom Code

- Old SAP system relied heavily on custom code. this has led to increased complexity of systems, hampering modernization.

All these issues mean high cost of ownership and complexity.

Major projects such as system upgrades and consolidations end up being delayed. Too few resources, lack of budget and time constraints all hamper project realization.

Modernization of custom code is critical to system stability, performance and readiness for future SAP requirements



Five Ways To Modernize SAP Systems

1. ***Upgrade.*** Often easier said than done but upgrading our old SAP systems to the latest version of SAP provides is a natural first step to modernization.
2. ***Enhancement Packs.*** Once upgraded, you have the option to implement new or improved business functionality through Enhancement Packs. Although some organizations have started to implement these, taking advantage of new functionality can prove difficult.
3. ***Support Packs.*** Although mandatory, organizations tend to fall behind with implementing support packs. Lack of time and resources result in them being put off until required.
4. ***Code Modernization.*** Modernization of custom code is critical to system stability, performance and readiness for future SAP requirements. Customized code poses risk and is costly to maintain. The ultimate goal - to get back to standard code where possible. Reverting back to standard is not easy and many organizations discover that they don't have a clear picture as to what their custom code looks like and where it is being used, if it is being used at all!
5. ***Up-to-date Business Processes.*** Ensure your business processes are up to date and accurately reflect the business needs.

From audits to upgrades, IntelliCorp's intelligent software for SAP lifecycle management transforms the way in which organizations manage and maintain SAP applications



SAP Modernization - Let IntelliCorp Software do the Hard Work

Modernizing SAP is a continual process, not a one off project. From audits to upgrades, IntelliCorp's intelligent software for SAP lifecycle management transforms the way in which organizations manage and maintain SAP applications.

Upgrades

Before you start an upgrade, it is necessary to get an accurate idea of how your current SAP environment will be impacted by the new version of SAP. The most effective method of gaining this insight is to use software to automate the manual discovery process. IntelliCorp's LiveCompare software uses a powerful, low overhead analytical engine to unobtrusively scan your SAP environment to discover how your system has been configured and customized and how the system is being used daily in production. The reports generated provide detailed analytics on what the impact of change will be on your standard and custom code.

Enhancement Packs

If you are already on ECC6.0, you might be thinking about implementing Enhancement Packs or you might have implemented them but not turned on any new business functionality. As with any SAP change, it is important that we identify what in the SAP "DNA" will be changed by switching on a business function and then work up to find all

Support packs & stacks introduce a never-ending cycle of change to SAP systems



the impacted transactions and programs. LiveCompare automates this discovery process, highlighting any risk before it's too late.

Support Packs and Stacks

Support packs and stacks introduce a never-ending cycle of change to SAP systems. The thought of implementing them and trying to work out what to test is daunting. For this reason, we often delay implementing them unless they include required legal and tax changes.

LiveCompare automatically identifies the impact of support packs and stacks on your systems.

Rather than testing everything, reading through lengthy OS notes or simply not applying support packs, our software identifies which objects in your SAP production environment will be impacted by a support pack transport or regular transport.

- Identify exactly what to test or which test scripts to run
- Identify what impact a transport will have on your system and how far that impact will reach
- Identify who needs to test what, where they sit in the business and possible re-training of end users

Custom code is hard to maintain and hard to keep track of



Custom Code and Getting Back to Standard - Code Modernization

It is common for organizations to customize their SAP systems, aligning processes to business requirements. However, the trend now is to get back to standard code where possible. Custom code is costly to maintain and hard to keep track of. LiveCompare is great for dealing with custom code. Answer questions automatically:

- What custom code do we have?
- What is being used? What isn't being used?
- Has custom code been replaced by SAP standard code?
- If so, who will this change impact and will we need to re-train people in the business?

Keeping Business Processes Up-to-date

It is difficult to maintain business process truth.

IntelliCorp's LiveModel software provides a web-based collaborative environment backed by a scalable enterprise repository for effective business process management. The software is used to create, modify, view and compare models that represent your business processes.

Integrate LiveModel and LiveCompare to provide complete business and IT visibility. Usage information taken from LiveCompare analysis is overlaid to provide easy to view system comparisons.

Perform rapid and repeatable assessments on the DNA of your SAP systems



Summary

By keeping SAP systems up to date, we can:

- Respond to business requirements quickly
- Deal with SAP change more efficiently and with minimal risk
- Be sure that business process are valid
- Realize new business requirements faster
- Increase the value and TCO of SAP

The Advantage of Using LiveCompare

IntelliCorp's software allows organizations to transform the way in which they manage and maintain SAP applications, reducing cost, effort and risk.

This unique toolset supports change and growth within all SAP environments, adapting legacy applications into modern, agile systems capable of responding quickly to business requirements.

Find Out More

[LiveCompare Datasheet](#)

[LiveModel Datasheet](#)

[Coca-Cola Case Study](#)

[Hershey's Case Study](#)

[Business & IT Integration in an SAP Environment](#)

***“IntelliCorp software
is flexible, well
designed, and reduces
the costs and risks
associated with many
SAP lifecycle events”
– Hershey’s***

About IntelliCorp

IntelliCorp’s suite of intelligent lifecycle optimization products is used by more than 35% of the *Fortune* 500 companies that run SAP to cut Total Cost of Ownership.

LiveCompare is SAP certified.

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