

# Return on Investment: Sample Analysis



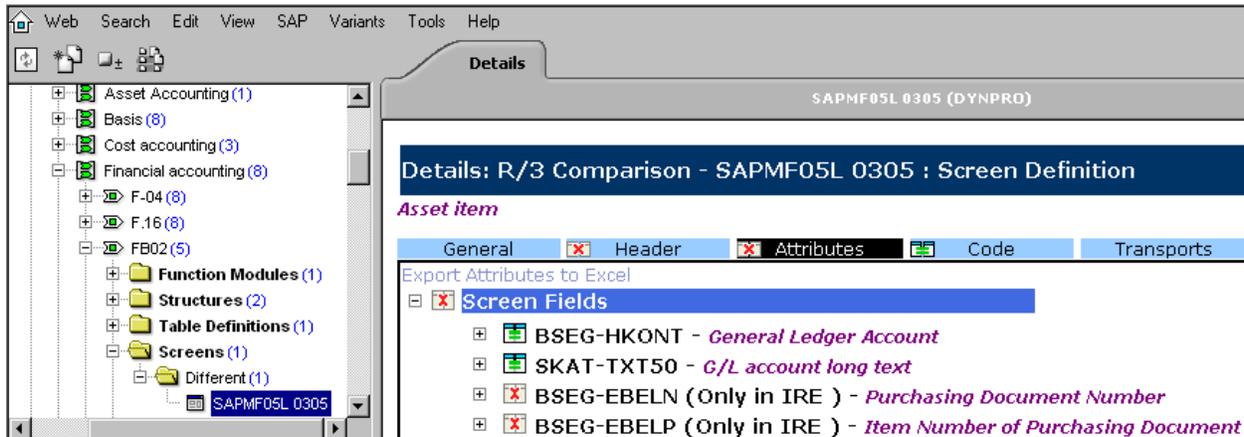
*Reducing costs through efficient automation*

This example illustrates an average enterprise resource planning (ERP) support pack upgrade, on a sample SAP system in the Cross-Application area alone (upgrading from support pack version KA62025 to KA62055). Becoming current on support packs in all areas (Basis, HR, Logistics and Accounting) would increase the workload. However, an automated solution would save even more money, by reducing duplicate analyses and limiting the scope to just those objects in use.

Support pack testing summary		Research labor-days	Research cost
Scope reduction using automated analysis		(2 hours per object)	@ \$500/day
<b>7,602</b>	<b>total impacted objects</b>	1901	\$3,801,000
<b>3,221</b>	<b>used impacted objects</b>	805	\$1,610,500
<b>364</b>	<b>used impacted t-codes</b>	91	\$182,000
<b>71</b>	<b>used impacted programs</b>	18	\$35,500
<b>63</b>	<b>unique t-code/programs to test</b>	16	\$31,500
		<b>Total savings:</b>	<b>\$3,769,500</b>

By reducing the analysis to just those unique transactions *in use*, the project has reduced the workload from 7,602 total impacted objects to just 63. The time and costs associated with the analysis would save \$3,769,500, or over 99% of the initially assessed project cost.

An automated analysis can reduce project scope and increase savings even further by pinpointing exact locations within program code where a support pack has made a change. This enables the project team to determine whether the change is relevant to the business.



In the example above, an SAP support pack has added two fields to the transaction Change Financial Document (FB02), regarding purchasing document numbers. If this change is not relevant to the business, the transaction requires no testing. If it is relevant, the testing team knows exactly where to focus its efforts. This would cut the research and testing time even more dramatically, reducing the workload to a fraction of the costs were the changes not known otherwise.