

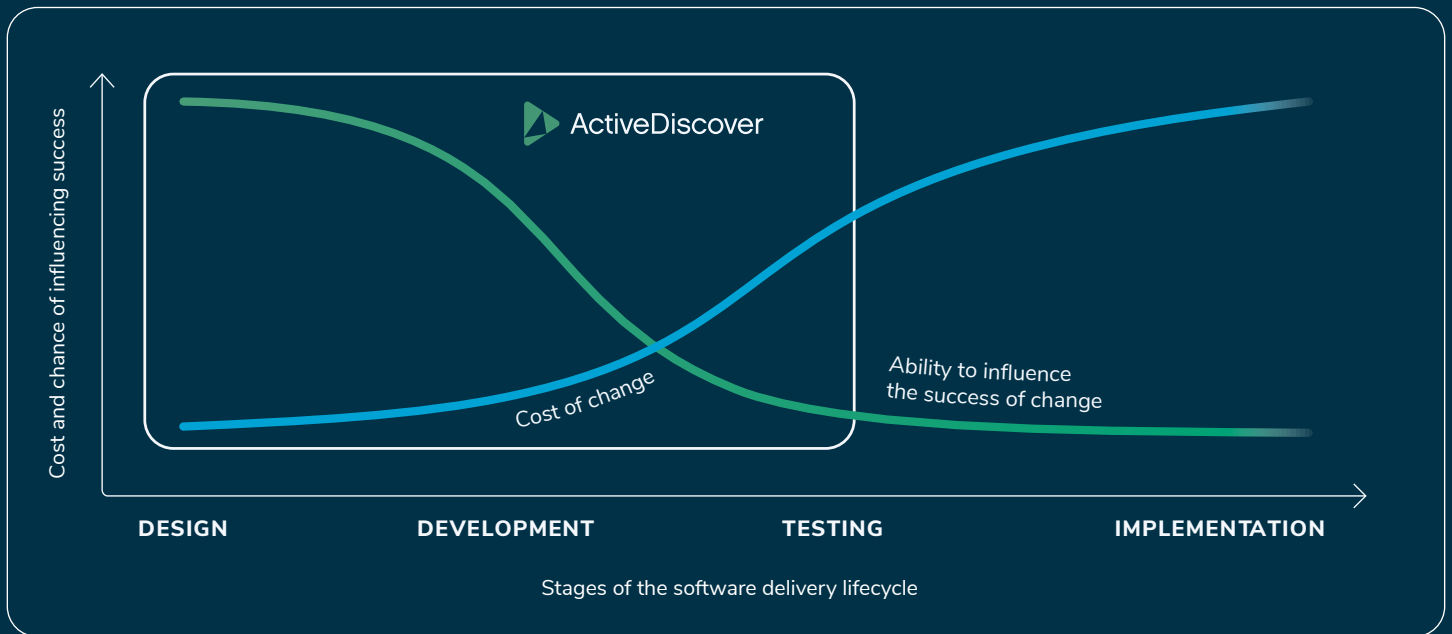


Predict SAP change failures and uncover opportunities from day zero

When a single hidden dependency can break critical processes and bring your operations to a standstill, understanding what will happen when you make an SAP change is business critical. That's why we built ActiveDiscover.

By using ActiveDiscover, you can predict change failures and uncover opportunities to improve changes in the planning and design phase. Armed with these insights, you can adjust your changes long before you're hit by high development and testing costs, while ensuring any team affected by an upcoming change has full visibility.

ActiveDiscover makes your SAP projects easier to scope and design, analyze risk and complexity, and allocate resources. This gives your business confidence that you'll deliver changes on time, every time, without disrupting operations.



Our products are used by the world's leading enterprises:



Book a Demo

“ We see real value in the power of ActiveDiscover to enhance the effectiveness of the SAP change management process, through the tangible benefits it provides: **improved accuracy, reduced risk and lower costs.**”

Chris Woolley Head of Service Delivery, Clarks



The screenshot displays the ActiveDiscover interface for an analysis run titled "Weekly Customizing Analysis (02.07.2024 00:23:23)". The analysis source is "System Landscape: ECC (DX1 -> PX1)" and it was created on July 2, 2024, at 00:23:23. The user is "AVILDIRIM" and there are 6 transports. The impact analysis level is 4.

Summary of Impacted Top Level Objects:

- 86 Transactions
- 991 Programs
- 949 RFCs
- 0 UI5 Apps
- 2 OData Services
- 8 ICF Services
- 2 Roles
- 1 Other

The main dashboard shows an impact score of 25, categorized as "Low Impact". Key findings include:

- The impact score of the change is 25 (Low). There are 86 SAP GUI transactions, 991 programs, 949 remote functions, 8 ICF services, 2 OData Services, 2 roles and 1 other object affected by the change. The objects with the highest impact scores are program RSADRCK5, program RSUSR_AUNIT_BAPI_LAUNCHER, program RSXADR03, program RSXADR04, and prog ...
- No Impact on Critical Objects: The change doesn't impact any configured critical objects.
- 2 Security Roles Impacted: The change impacts 2 security roles. The roles with the highest impact are ZROLE_TEST, and Z_FIORI_TILE.
- Unknown Impact on Active Users: Usage data analysis was turned off for this analysis run.
- Unknown Average Usage Volume: Usage data analysis was turned off for this analysis run.
- Unknown Impact on External Systems: Usage data analysis was turned off for this analysis run.
- Very Low Average Top Level Object Key Differences: On average, the Key Difference Identification has found a Very Low level of differences between the impacted top level objects in the source and target systems.

Summary cards at the bottom show:

- Impacted Objects:** Top level or custom objects impacted by the change. 5 of 2,039 objects shown. Includes RSADRCK5 and RSUSR_AUNIT_BAPI_LAUNCHER.
- Application Areas:** Application areas impacted. Donut chart showing 15.69% and 12.26%.
- Key Differences:** Key Difference Identification for top level objects. Donut chart showing 0%.
- Impacted Critical Objects:** List of impacted objects defined as critical in the landscape. 0%.



Automated Change Design Advice

- ▶ Receive detailed reports, dashboards, and push notifications when the change you're working on can be improved in both content and delivery throughout the change lifecycle.
- ▶ Covers single & multiple transports, technical objects, Fiori apps, change containers such as CALM features, SNOTES, Upgrades, Packages & complex entities.



System Comparisons

- ▶ Assess how much your landscapes have diverged before you invest time and money in changes.
- ▶ Cross compare Quality Assurance and Production to see whether QA still accurately reflects the reality of your production environment, for example.



Change Comparisons

- ▶ Maintain a full understanding of the implications of individual and series of changes, how they relate to each other, and what this could mean for the wider business.
- ▶ See directly which objects within changes are interfering with each other and take action.

We now have the confidence to *deploy SAP changes on a daily basis without any issues*"



Transformation Insight XC1

Analysis Runs /

Test 6
 Source System: XBD Object Type: Program
 Created: Aug 1, 2024 15:02:49 Object Name: /BTI/TE_DISPLAY_ANALYSIS
 Created By: IPRAJAPATI Object Description: Display analysis results

Dependency Analysis: See an accurate view of all objects that make up the solution, the detail within them, and how they are related.

Objects

404

[View Objects](#)

Objects shared with other custom solutions

288

16 Solutions

[View Shared Objects](#)

Breakdown by object type
Dependent objects by object type

Object Type	Count
Data Element	209
Table	88
Domain	51
Table Type	24
Search Help	15

* The number of nodes presented on the chart has been limited because of the high number of object types.

Breakdown by package
Dependent objects by package

Package	Count
/BTI/TE_KERNEL	370
/BTI/TE_CORE	1
/BTI/TE_NDP	1
/BTI/TE	1
/BTI/TE_BASE	1

Clean Core Analysis: See the details of the Clean Core and Migration research, and view the extent and estimates of the work required to fix it.

Number of findings

Objects with findings

Priority

Summary of findings based on Priority



Transformation Insights

- ▶ Get dashboard visualizations and detailed reports that identify hidden dependencies and potential issues with major projects before you risk business operations.
- ▶ Gain an understanding of technical debt, Clean Core compliance, migration analysis and simplification checks, during lift-and-shift of your critical customizations. Use these insights to mitigate risk from day zero.



Hypothetical Scenario Analysis

- ▶ Run multiple scenario analyses on changes to better understand their design, architecture, and project ramifications before making extensive commitments.
- ▶ See which changes have the highest potential to affect your daily operations if pushed into production.



Customizable Criticality

- ▶ Reduce reliance on knowledge silos and embed human context in ActiveDiscover's automated judgements.
- ▶ Prioritize select notifications on business-critical systems to guarantee that these changes are not conflicting and improve cooperation between similar or parallel changes.

“ ActiveDiscover reduces our change rework costs by up to 50%.”

Major North American Construction Company

Key Differences
Key Difference Identification for top level objects

System Landscape: ECC (DX1 -> PX1)
Created: Aug 30, 2024 15:14:19
User: AYILDIRIM
Usage Data Period: Aug 1, 2024 - Aug 29, 2024
Impact Analysis Level: 2

Analysis Source:
345 Transports
View Analysis Settings

7 Errors 1 Warning 900 Passes

Object Type	Main Object	Checked Object	Check	Result	Message
Function Module	/BTIIPX_GET_USAGE_DATA	/BTIIPX_GET_USAGE_DATA	Function Module parameters	Error	Data type of Parameter X_SELECTION changed from (/BTIIPX_ST_USAGE_SELECTION) to (/BTIITE_ST_USAG_SELECTION)
Function Module	/BTIIPX_OBJECT_WHEREUSED	/BTIIPX_OBJECT_WHEREUSED	Function Module parameters	Error	Data type /BTIITE_ST_RFC016 of Parameter XT_TRANSPORT_OBJECTS has changed
Program	/BTIIPX_TIR_LINK_UPDATE	/BTIIPX_TIR_LINK_UPDATE	Program syntax	Error	Syntax of Program /BTIIPX_TIR_LINK_UPDATE is incorrect
Web Service	PX	PX	Web Service node active	Error	Web service PX is inactive in source
Function Module	Z_COM_CREATE_INVOICE	Z_COM_CREATE_INVOICE	Function Module parameters	Error	Length of Parameter E_INVOICE_ID changed from (000010) to (000008)
Function Module	Z_READ_DATA	Z_READ_DATA	Function Module parameters	Error	Parameter INPUT_FLAG changed from optional to mandatory
Transaction Code	ZCOM_INV_DISP	ZCOM_INV_DISP	Transaction Code authorizations	Warning	Authorization object/activity/value of Transaction ZCOM_INV_DISP has changed
Transaction Code	ZCOM_INV_DISP	ZCOM_INV_DISP	Transaction Code start screen	Error	Start screen of Transaction ZCOM_INV_DISP changed from (0200) to (0100)



Key Difference Analyzers

- ▶ Use analyzers to run a series of extensive checks on dependencies that will pinpoint the parts of the business that need to be brought on as stakeholders on upcoming changes.
- ▶ Send impact information to each function in advance of the change entering production to facilitate early preparation and avoid unexpected outcomes.



Technical and Business Dimensions

- ▶ Apply real-time usage data to spot inefficiencies, redundant objects, and opportunities to change your SAP systems in a smarter way.
- ▶ Eliminate resource waste on areas that have been identified as non-threatening to processes and operations.



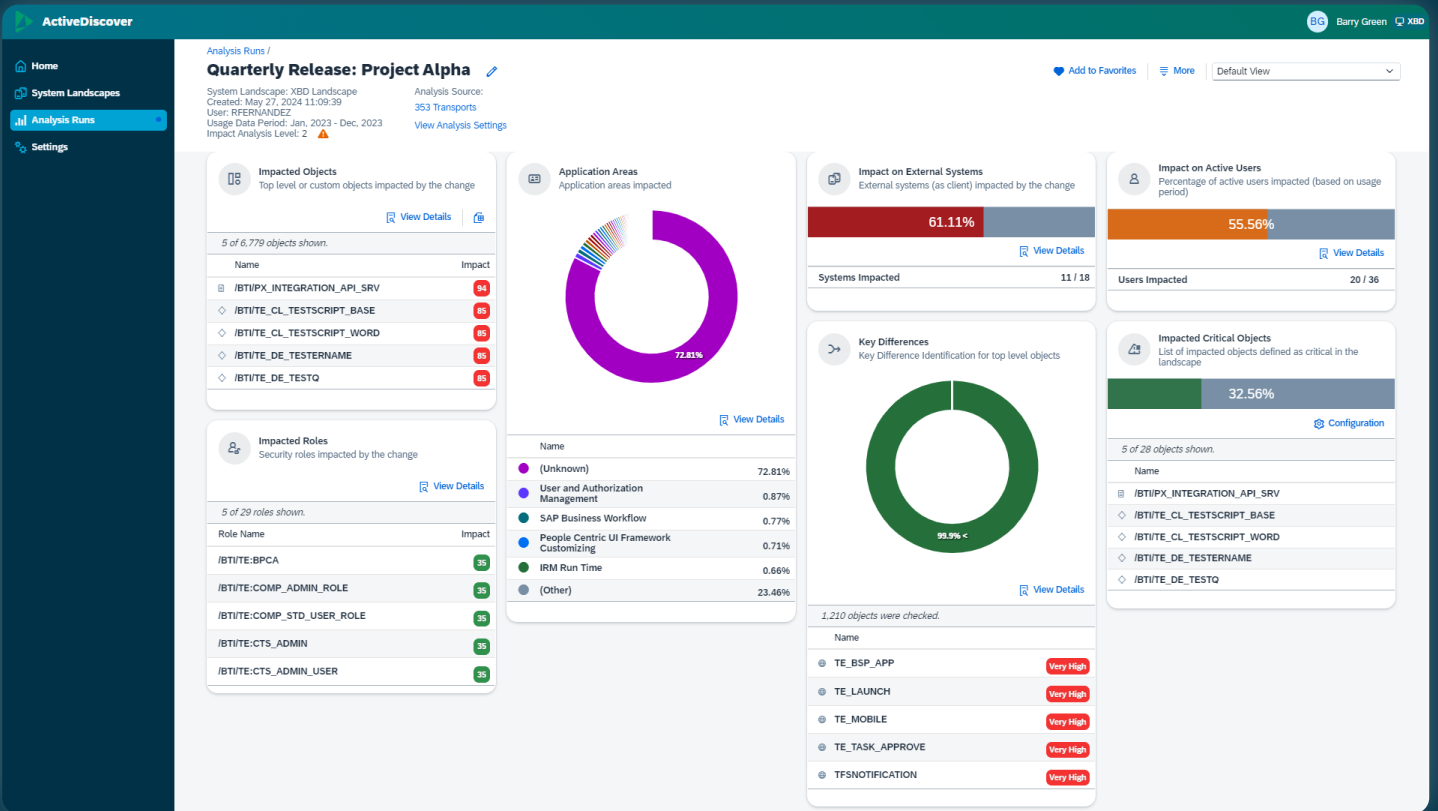
Scoring and Heatmap Reports

- ▶ Instead of relying on mass testing or change failure to identify issues and complexity, leverage upfront reporting.
- ▶ Focus your team's valuable time on exceptions and outliers generated by the reports while feeling confident that everything else has been accounted for.

Book a Demo

Are you interested in how using ActiveDiscover could help you embed success and reduce risk from the early stages of your next SAP project?

Get in touch with our team and we can dive into any of the benefits and features outlined in this brochure and discuss how they could be used to support your organization's specific goals, setup, and considerations.



The screenshot displays the ActiveDiscover interface for an analysis run titled "Quarterly Release: Project Alpha". The dashboard includes several key metrics and visualizations:

- Impacted Objects:** A table showing 5 of 6,779 objects. Key items include /BT/PIX_INTEGRATION_API_SRV (Impact 94), /BT/ITE_CL_TESTSCRIPT_BASE (Impact 89), /BT/ITE_CL_TESTSCRIPT_WORD (Impact 85), /BT/ITE_DE_TESTERNAME (Impact 85), and /BT/ITE_DE_TESTQ (Impact 85).
- Application Areas:** A donut chart showing that 72.81% of application areas are impacted.
- Impact on External Systems:** A bar chart indicating that 61.11% of external systems are impacted, with 11 out of 18 systems affected.
- Impact on Active Users:** A bar chart showing that 55.56% of active users are impacted, with 20 out of 36 users affected.
- Impacted Roles:** A table showing 5 of 29 roles. Key roles include /BT/ITE-BPCA (Impact 35), /BT/ITE:COMP_ADMIN_ROLE (Impact 35), /BT/ITE:COMP_STD_USER_ROLE (Impact 35), /BT/ITE:CTS_ADMIN (Impact 35), and /BT/ITE:CTS_ADMIN_USER (Impact 35).
- Key Differences:** A donut chart showing that 99.9% of key differences are identified for top-level objects.
- Impacted Critical Objects:** A bar chart showing that 32.56% of critical objects are impacted, with 5 of 28 objects affected.
- Very High Risk Objects:** A list of 1,210 checked objects, including TE_BSP_APP, TE_LAUNCH, TE_MOBILE, TE_TASK_APPROVE, and TFSNOTIFICATION, all marked as "Very High" risk.

Better together, with ActiveControl



Combine the analysis and reporting of ActiveDiscover with ActiveControl's automated change management engine to ensure your plans and designs are executed exactly as you intended.

Basis Technologies provides software that empowers the world's most dynamic SAP customers to predict change failures and automate change management. Many of the world's largest enterprises, including P&G, Honda, Britvic, 3M, and Diageo trust Basis Technologies to help achieve their business goals by eliminating change design and execution errors.



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