Application Rationalization

A Cost-Saving Waypoint to Business Transformation

State of Application Portfolio Management

Applications account for **~47% of IT budgets**

Organizations are seeing redundancies across multiple business areas:

- **Online Training** avg of **14 applications** per organization
- **Project Management** avg of **10 applications** per organization
- **Collaboration** avg of **10 applications** per organization
- **Digital Asset Management** avg of **9 applications** per organization
- **Governance, Risk, & Compliance** avg of **8 applications** per organization

Over **70% of software used** by Fortune 500 companies was **developed 20 or more years ago**.

But what was optimal before is likely no longer optimal in a rapidly changing environment.

Optimize:

- ✓ business value
- ✓ cost
- ✓ technical fitness

inventory

evaluate

strategize

What Should IT Leaders do?

Application Rationalization is the practice of inventorying, evaluating, and strategically managing an organization's portfolio of software applications to optimize their business value, cost, and technical fitness.

The Importance of App Rationalization Today

- Skyrocketing costs and hidden expenses
- Vanishing knowledge of applications with the change in workforce
- Crippling complexity and increased risks of large portfolios
- Stifled agility and blocked innovation
- Poor employee and customer experience

Most leaders understand the need to address these obstacles, but App Rationalization can be a significant undertaking.

App Rationalization Challenges

- Project sponsors and getting buy-in
- Creating a comprehensive inventory of the application portfolio
- Understanding the true value of each application
- Ensuring a continuous practice

How the Intellisys Platform Helps

Automated Documentation and Code Analysis for 20+ technologies

- Speed up discovery and application understanding processes with 100% automation
- Receive a thorough review of logic, dependencies, data flows and more for each application in question in formats familiar to both technical and non-technical personnel
- Full traceability to source application to minimize risk of missing information

Support for 20+ programming languages

ADSO ASP/JSP	Natural/ADABAS
Assembler	Oracle Forms
C#.Net	PACBASE
COBOL	PL/I
Cold Fusion	PL/SQL/T SQL
EasyTrieve	PowerBuilder
Forte	RPG
FoxPro	Universe Basic
Java	VB
JCL/CL/ECL/DCL	VB.Net

- AI enhanced features to speed up consolidation of individual logic into higher level "rules" or business policies
- Assistance with identification of system redundancies
- Automated updates when code changes are made to current applications with recognition of how those updates impact existing rules

Agile Business Rules Extraction with multiple export options

Real Rationalization Results

Global Telecom Company

A nation-leading telecom provider consolidated 5 regional billing systems into 1 modern strategic system using the Intellisys platform. 2 million lines of legacy Assembler code were documented, extracted, rationalized and merged, generating **$10 million in estimated savings**. The target application met all business and regional requirements.

US Air Force & Diligent Consulting

The US Air Force Life Cycle Management Center partnered with Diligent Consulting to do an analysis of multiple USAF legacy systems to see if Oracle's ERP system would be a good substitute. Both organizations used the Intellisys platform to document **2.6 million lines of code in COBOL, C, C#, and Java** and **extracted rules from 55 different systems** to determine which were obsolete and which could be updated and implemented in the new ERP system.

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Sources
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