KPIT

KPIT AutoPack
JD Edwards Package Automation Tool

Redefine your JD Edwards package administration with automation

Package builds & deployments are core functions of JD Edwards SDLC and system administration. However, the native tools for this process are labor intensive and are compounded by the number of JD Edwards environments a customer has in their JDE instance.

The other challenges faced are:

- Traditional OMW promotion & package process is manually driven
- Excessive redundancy on standard screens where inputs don't change
- CNC administrators need to spend ~30 minutes per package per path code
- Lack of status reporting and notifications
- Manual check and submission of package deployment to servers
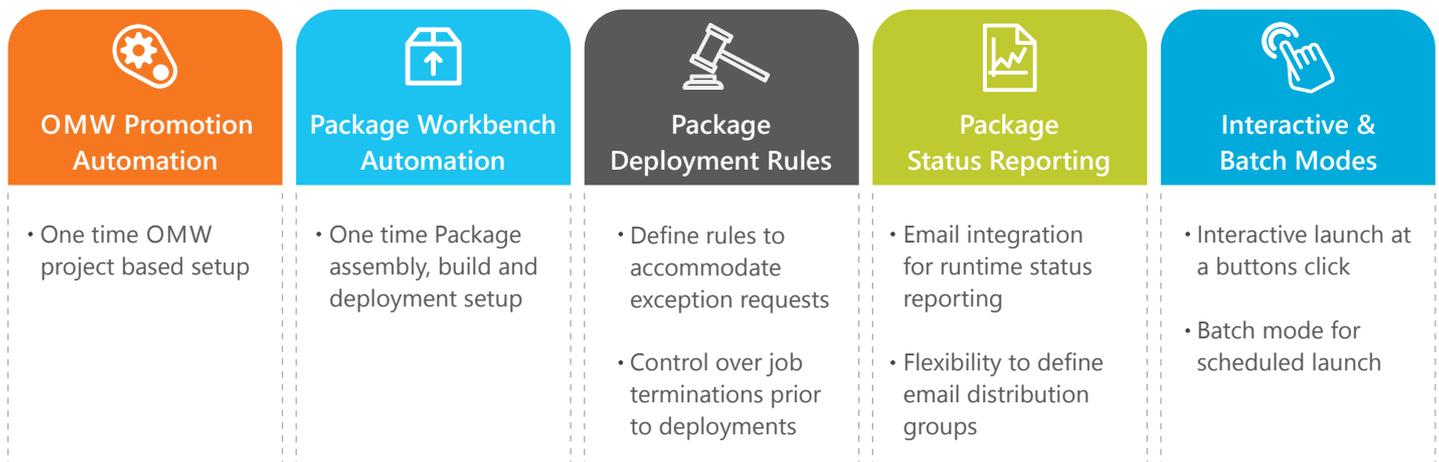
Solution

To overcome these challenges, we require automation that eliminates or reduces both mundane and manual tasks around OMW promotion and package workbench process. This would lead to significant savings in CNC efforts, which would provide reduced TCO and increased ROI.

KPIT AutoPack

KPIT offers a comprehensive product "AutoPack" which automates the entire process of OMW promotions, assembly, build, and deployment of EnterpriseOne code changes. This, in turn, provides significant savings in time and effort for system administrators allowing them to channel their efforts on more critical CNC functions.
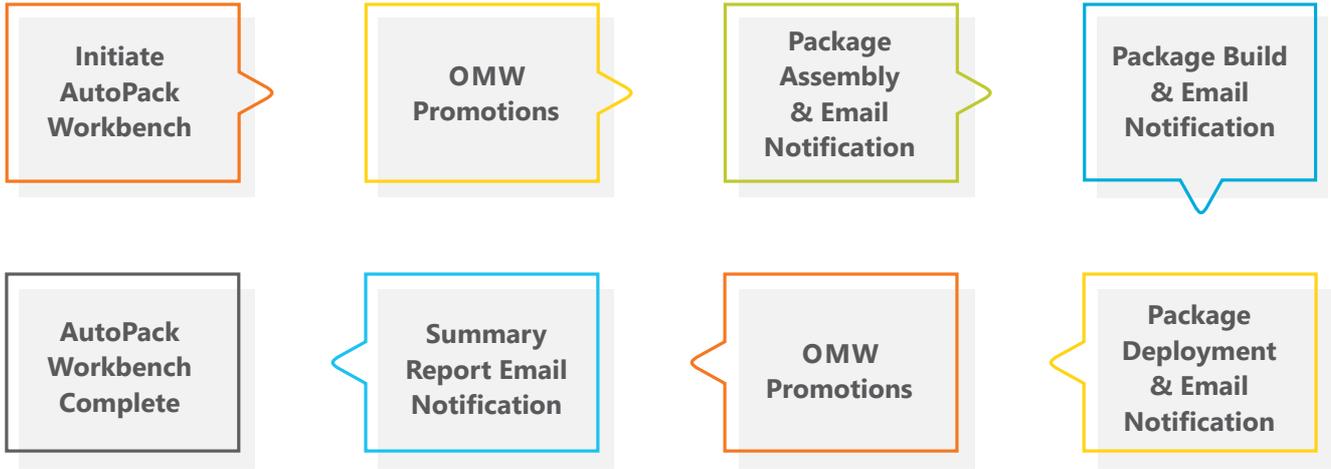
Key Features

"KPIT AutoPack" is a suite of interactive & batch programs in which the logic and presentation layer is built entirely using the JD Edwards toolset. The product is designed on five major pillars (illustrated in the diagram below). The key features that make this product standout are mentioned below:

OMW Promotion Automation	Package Workbench Automation	Package Deployment Rules	Package Status Reporting	Interactive & Batch Modes
• One time OMW project based setup	• One time Package assembly, build and deployment setup	• Define rules to accommodate exception requests • Control over job terminations prior to deployments	• Email integration for runtime status reporting • Flexibility to define email distribution groups	• Interactive launch at a buttons click • Batch mode for scheduled launch

- Developed using standard JDE object development tools and thus effortless to manage
- Leverages canned package functionality without influx of modifications to native objects
- Straightforward installation via object import mechanism of par files. Zero investment on external solutions
- Simple to secure using standard JDE security workbench

Process Flowchart

KPIT AutoPack process flow is illustrated below:

Initiate AutoPack Workbench → OMW Promotions → Package Assembly & Email Notification → Package Build & Email Notification

AutoPack Workbench Complete ← Summary Report Email Notification ← OMW Promotions ← Package Deployment & Email Notification

Key Benefits

KPIT AutoPack provides customers the following key benefits:

- Significant reduction in manual efforts. Enhances productivity up to 50% in a CNC Administrator's day-in-life
- Avoid human errors in OMW promotion and package process by infusing automation
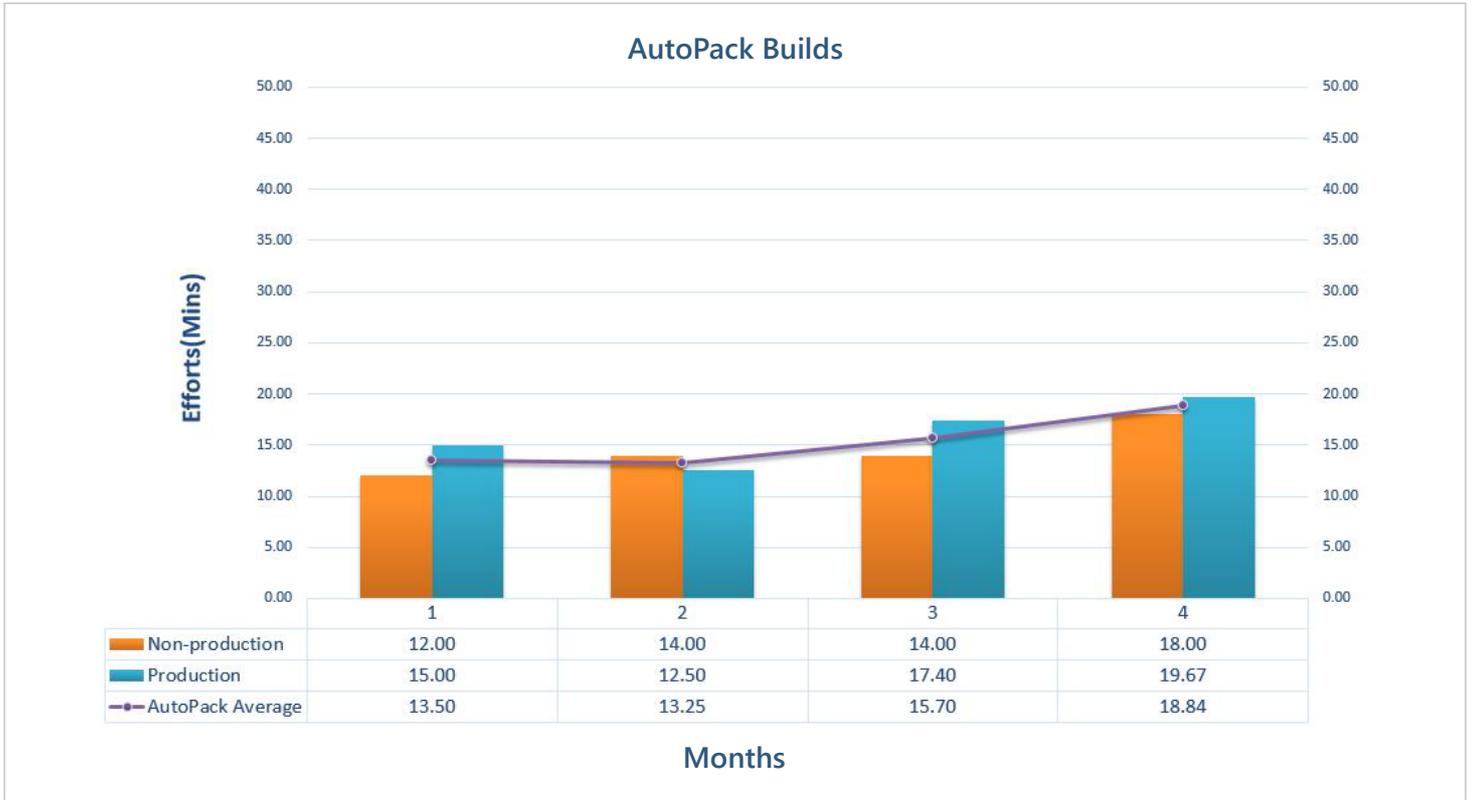- Efficient monitoring of package progress without manual intervention through automated status emails

Case Study Statistics

The following diagrams are graphical representation of statistics collected from an actual AutoPack customer:

Manual package process took average of 28 minutes

Manual Builds

	1	2	3	4
Non-production	20.00	26.00	25.00	30.00
Production	28.00	20.00	35.00	45.00
Manual Average	24.00	23.00	30.00	37.50

Efforts(Mins) / Months

AutoPack package process took average of 12 minutes

AutoPack Builds

	1	2	3	4
Non-production	12.00	14.00	14.00	18.00
Production	15.00	12.50	17.40	19.67
AutoPack Average	13.50	13.25	15.70	18.84

Months

Average savings in effort and productivity gains after deploying AutoPack is greater than 50 percent. Actual gain percentages will vary and depend on the number of objects and frequency of your package builds..

Product Output Sample Screenshots

AutoPack concludes its execution of package workbench with a summary report with details about the objects transfer and entire package activity. The screenshot below is an example of the output.

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KPIT Package Automation
Deployment

DEPLOYMENT SELECTIONS

Path Code	Include BSSV	Auto Deploy	Package Type	Retry Wait	Retry Deploy	WSJ Retry Count	WSJ Wait Time	Terminate Jobs	Enterprise Server	Client	BSSV	Deployment Group	Mandatory Install
DV910	N	Y	3	3	1	1	2	Y	Y	Y	N	N	N

CLIENT DEPLOYMENT

Package Name	Path Code	Package Type	Machine Key	Install Package Status	Remarks
DV9FKU25	DV910	3	SMD-1107	20	Approved

ENTERPRISE SERVER DEPLOYMENT

Package Name	Path Code	Package Type	Machine Key	Install Package Status	Remarks
DV9FKU25	DV910	3	JDEBRES	30	Installed

LIST OF JOBS TERMINATED FOR DEPLOYMENT

Job Number	Report	Report Name	Version	Version Title	Execution Host	Job Queue
5763	R59TEST2	UBE	TEST0001	Test Version	JDEBRES	QBATCH
5764	R59TEST2	UBE	TEST0002	TEST Version 2	JDEBRES	QBATCH

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KPIT Package Automation
Deployment

OMW Project Name	Description	From Project Status	To Project Status
CNC Test Project	for AutoPack	22A	26

LIST OF OBJECTS DEPLOYED

OMW Project Name	OMW Object Name	Object Description
CNC Test Project	F0911	Account Ledger
CNC Test Project	P0008	Fiscal Date Patterns
CNC Test Project	P01012	Address Book
CNC Test Project	R0006P	Business Unit Report
CNC_AUTOPACK1	D0000002	Validate Ledger Type Options
CNC_AUTOPACK1	P0911	Journal Entries
CNC_AUTOPACK1	R0006P|XJDE0001	Business Unit Master List - All Companies
CNC_AUTOPACK1	R0008P|XJDE0001	Date Patterns Report
CNC_AUTOPACK1	T00023A	Processing Options for Distributed Next Numbers
Test0001	R0006P|XJDE0001	Business Unit Master List - All Companies
Test0001	V0101	Address Book, Full View

LIST OF OBJECTS FAILED TO DEPLOY

Why KPIT

KPIT, with a team of 2000+ Oracle professionals is a Platinum level member of Oracle Partner Network (OPN). It is the world's leading JD Edwards practice with deep JD Edwards knowledge, global implementation and support capabilities. KPIT currently holds more than 20 Oracle Specializations and is the only Oracle partner globally to achieve Advanced Specialization certification in JD Edwards EnterpriseOne Financial Management, CNC, and Distribution modules.

KPIT Advantage

Decades of experience in JD Edwards implementations

Large, Diverse and Experienced JD Edwards Resources

Tools, Accelerators and methodologies to accelerate delivery timelines

Trusted Oracle Partner. Recipient of multiple Oracle Excellence Awards

For more information on AutoPack or to schedule a demo, please email Madhur Kansal at Madhur.Kansal@kpit.com or John Kim at John.Kim@kpit.com

About KPIT

KPIT (BSE: 532400, NSE: KPIT) is a global technology company specializing in providing IT Consulting and Product Engineering solutions and services to Automotive, Manufacturing, Energy & Utilities and Life Sciences companies. Together with its customers and partners, it creates and delivers technologies to enable creating a cleaner, greener, more intelligent world that is sustainable and efficient.

KPIT

Technologies for a better world

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