

ARCAD Pack for i, formerly ARCAD Pack for Rational, brings enhancements to IBM UrbanCode Deploy, with improved support for deployments to IBM i

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At a glance

ARCAD Pack for i, formerly ARCAD Pack for Rational^(R), includes the following new features and functions for IBM UrbanCodeTM Deploy:

- Automated and seamless deployment to test or production of IBM^(R) i applications
- Automated build of IBM i applications
- Automated change management of IBM i configuration data (application settings, critical data, and so on)
- Automated integration and roll-out of changes in IBM i third-party vendor package software
- Deployment of high volume data with minimum downtime ("While Active Promoter" or WAP option)

Overview

ARCAD Pack for i enables organizations to improve their development and maintenance processes of complex composite IBM i applications.

- Analyzes complex applications and creates efficient and automated build and deployment capabilities that address key challenges that will free your development teams to innovate and deliver business value faster
- Empowers employees with robust tools and skills for modern, agile development teams across all platforms and roles

New in this release of ARCAD Pack for i

Automated and seamless deployment to test-production of IBM i applications, featuring:

- Integrity checks prior to deployment (based on dependencies)
- Allocation of objects
- Automatic database upgrades (physical files or SQL tables)
- Automatic rollback
- Object management; for example, ownership or rights, attributes
- Traceability at the artifact level
- Dynamic changes to configuration files
- Pre-Post-deploy processes; for example, stop-restart of application server

Automated build of IBM i applications, including:

- Dependency recompile
- Dynamic ordering of recompilations
- Integrity checking of build result

Automated change management of IBM i configuration data (application settings, critical data, and so on):

- Application configuration data, or settings, are subject to the same level of control as software artifacts.
- Check-out, check-in of configuration data.
- Full traceability of changes to configuration data (for compliance purposes).
- Automated deploy-rollback of configuration data to test and production systems.

Automated integration and roll-out of changes in IBM i third-party vendor package software:

- Detailed impact analysis (to source line level) of a new release of third-party software on any local development
- Secure, staged integration of new releases prior to deployment to production
- Full traceability of changes proposed by the third-party vendor

Deployment of high volume data with minimum downtime ("While Active Promoter" or WAP option):

- Real-time data replication technology to avoid blocking application users during the transfer of high volume files

Key prerequisites

See the [Software requirements](#) section.

Planned availability date

August 22, 2017

Program number

| Program number | VRM | Program name |
|----------------|-------|------------------------------------|
| 5725-L13 | 1.0.0 | ARCAD Pack for i |
| 5725-L14 | 1.0.0 | Elite Support for ARCAD Pack for i |

Offering Information

Product information is available on the [IBM Offering Information](#) website.

More information is also available on the [Passport Advantage^{\(R\)} and Passport Advantage Express^{\(R\)}](#) website.

Publications

None

Services

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services, contact your Lab Services Sales or Delivery Leader.

Technical information

Specified operating environment

Software requirements

IBM i 7.1, and later

Planning information

Packaging

This offering is delivered through the internet as an electronic download. There is no physical media.

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, which will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Ordering information

Product: ARCAD Pack for i (5725-L13)

Product: IBM Elite Support for ARCAD Pack for i (5725-L14)

Passport Advantage

| Part description | Part number |
|---|-------------|
| ARCAD PACK FOR URBANCODE PER PRODUCTION SERVER FOR 2 LPARS GROUP P05 3rd party offering | D1V3WLL |
| ARCAD PACK FOR URBANCODE PER PRODUCTION SERVER FOR 2 LPARS GROUP P10 3rd party offering | D1V4QLL |
| ARCAD PACK FOR URBANCODE PER PRODUCTION SERVER FOR 2 LPARS GROUP P20 3rd party offering | D1V4RLL |
| ARCAD PACK FOR URBANCODE PER PRODUCTION SERVER FOR 2 LPARS GROUP P30 3rd party offering | D1V4SLL |
| ARCAD PACK FOR URBANCODE PER PRODUCTION SERVER FOR 2 LPARS GROUP P40 3rd party offering | D1V4TLL |
| ARCAD PACK FOR URBANCODE PER PRODUCTION SERVER FOR 2 LPARS GROUP P50 3rd party offering | D1V4ULL |

| Part description | Part number |
|---|-------------|
| ARCAD PACK FOR URBANCODE PER ADDITIONAL LPAR GROUP P05 3rd party offering | D1V4VLL |
| ARCAD PACK FOR URBANCODE PER ADDITIONAL LPAR GROUP P10 3rd party offering | D1V4WLL |
| ARCAD PACK FOR URBANCODE PER ADDITIONAL LPAR GROUP P20 3rd party offering | D1V4XLL |
| ARCAD PACK FOR URBANCODE PER ADDITIONAL LPAR GROUP P30 3rd party offering | D1V4YLL |
| ARCAD PACK FOR URBANCODE PER ADDITIONAL LPAR GROUP P40 3rd party offering | D1V4ZLL |
| ARCAD PACK FOR URBANCODE PER ADDITIONAL LPAR GROUP P50 3rd party offering | D1V50LL |
| ARCAD PACK FOR URBANCODE PER WAP EXTENSION GROUP P05 3rd party offering | D1V51LL |
| ARCAD PACK FOR URBANCODE PER WAP EXTENSION GROUP P10 3rd party offering | D1V52LL |
| ARCAD PACK FOR URBANCODE PER WAP EXTENSION GROUP P20 3rd party offering | D1V53LL |
| ARCAD PACK FOR URBANCODE PER WAP EXTENSION GROUP P30 3rd party offering | D1V54LL |
| ARCAD PACK FOR URBANCODE PER WAP EXTENSION GROUP P40 3rd party offering | D1V55LL |
| ARCAD PACK FOR URBANCODE PER WAP EXTENSION GROUP P50 3rd party offering | D1V56LL |

Charge metric

| Program name | PID number | Charge metric |
|------------------|------------|-------------------|
| ARCAD Pack for i | 5725-L13 | Production Server |
| ARCAD Pack for i | 5725-L13 | Additional LPAR |
| ARCAD Pack for i | 5725-L13 | WAP Extension |

Production Server

Vendor metric (ARCAD): A single server installation with deploy capability to 2 LPARS.

Additional LPAR

Vendor metric (ARCAD): Deployment capability for the server to one additional LPAR.

WAP Extension

Vendor metric (ARCAD): Upgrades a delivery target to high volume and high availability for massive secure data transfer.

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Limited warranty

Not warranted by IBM. Warranty, if any, provided by supplier.

Volume orders

Not applicable.

Educational allowance

No. Special education prices are available through Passport Advantage.

Statement of good security practices

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Prices

Passport Advantage

For Passport Advantage information and charges, contact your IBM representative. Additional information is also available on the [Passport Advantage and Passport Advantage Express](#) website.

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