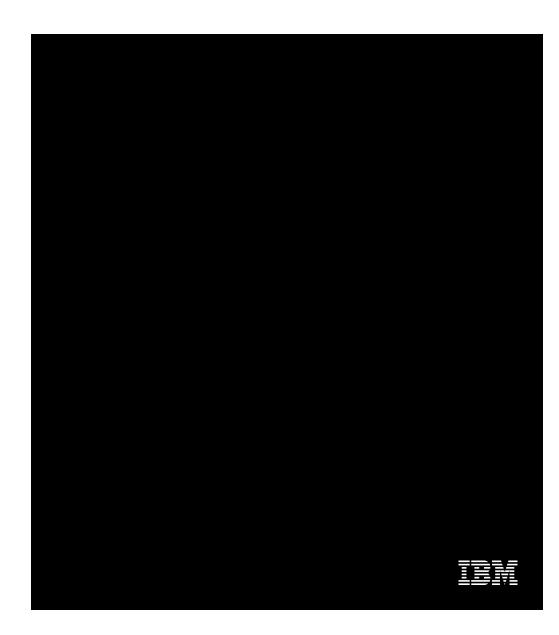
IBM i 7.4 and Much More

Alison Butterill WW Offering Manager, IBM i



IBM i Business Today

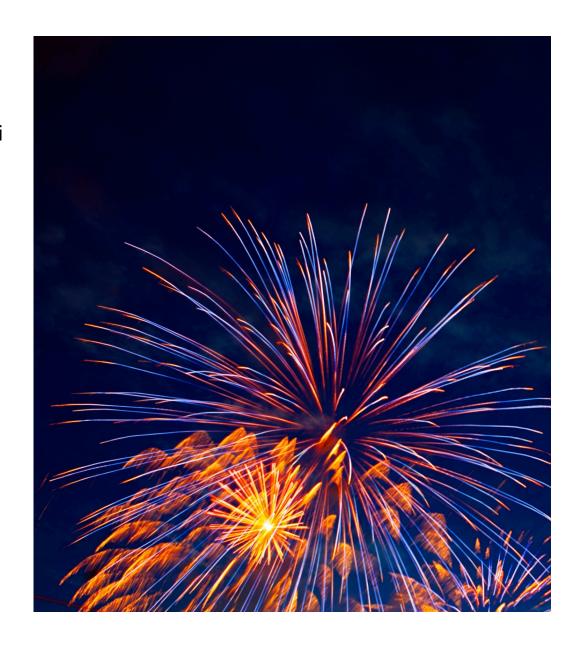
What's New?



3

IBM i 7.4

- IBM i 7.4 and new LPP IBM Db2 Mirror for i
 - Announcement on April 23, 2019
 - GA June 21, 2019
 - ** RDi enhancements from "fix list" on RDi website.
- IBM i 7.3 TR6
 - Announcement on April 23, 2019
 - GA was May 10, 2019

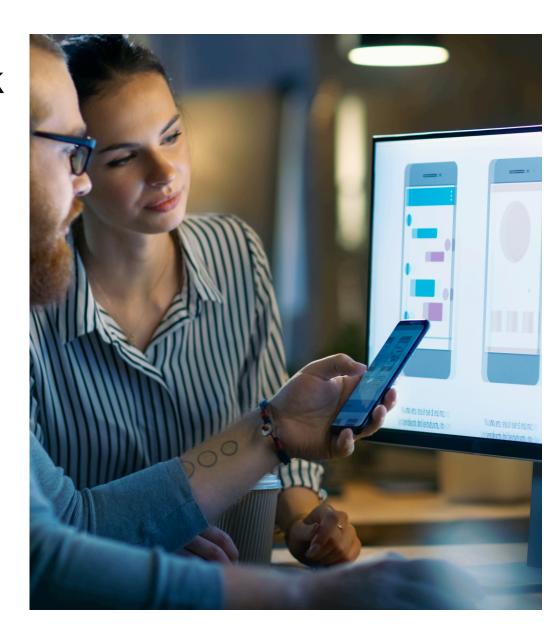


IBM i 7.4 – Early feedback

"In short 7.4 has rock solid foundations and we are loving building upon them."
Steve Bradshaw, Rowton IT

"... we have been amazed by all the new functions and features. It has been 3 years since 7.3, but it looks like it has been worth the wait."

Pete Massiello, iTech Solutions



IBM i 7.4

IBM i Release Roadmap



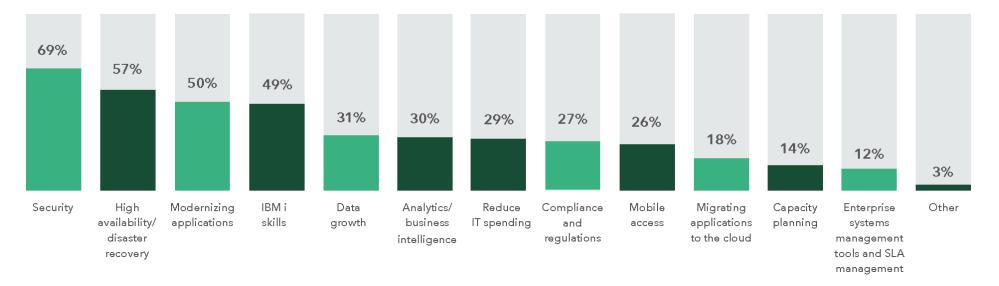
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** Arrows indicate "ongoing status and do not imply any specific dates.



Top IT Concerns – HelpSystems 2018 Survey

What are your top concerns as you plan your IT environment?





IBM i Strategic Directions

Power Solutions

- Enable clients to exploit latest hardware technology (POWER9 and peripherals)
- Enable clients to transform their customer experience using mobile, Internet of Things, Cognitive, Machine Learning and AI
- Enable ISV Solutions to implement the latest technologies
- Provide flexible solutions options for cloud and MSPs

Open Platform

- Grow IBM i solutions options including open source languages and applications
- Extend IBM i solutions portfolio with Linux and AIX application choices

The Integrated Promise of IBM i

- Deliver a simple, high value platform for business applications
- Provide exceptional security and resiliency for critical business data
- · Leverage IBM systems, storage and software technologies

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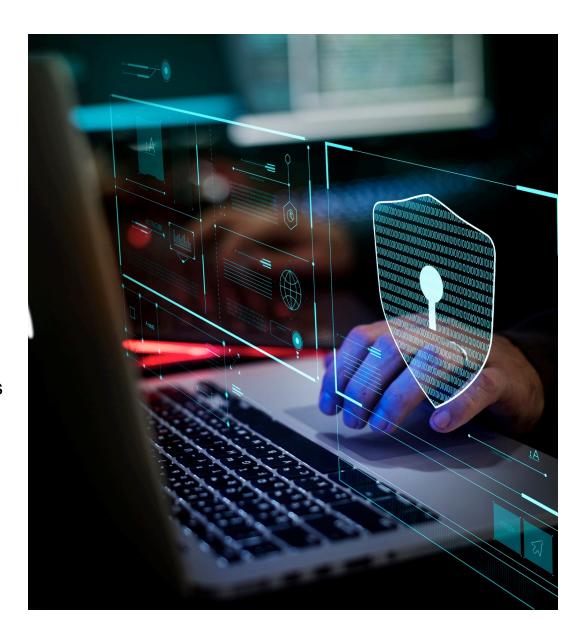
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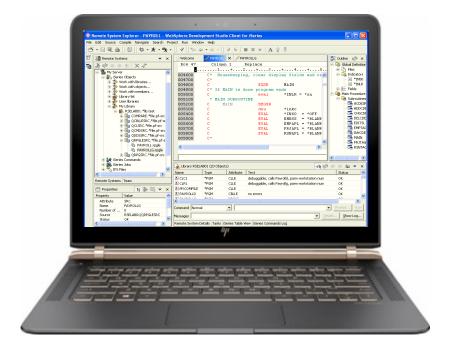
Pervasive Security

- New "view" in Authority Collection
 - Based on object vs user
- New Communication Protocols
 - TLSv1.3 higher encryption
 - SNMPv3 trap and inform messages
 - JTOpen
 - SMB3
- Access Client Solutions and RDi
 - Uses newest secure protocols
- Password rules enforced
 - DST and SST passwords apply 27 rules
- Digital Certificate Manager increases automation



Application Development

- Traditional Languages and Environments
 - RPG varying length arrays and SAMEPOS subfields
 - COBOL many new enhancements this release
 - ILE CL can be compiled from IFS
 - System Debugger Change Program Data (QBNCHGPD)
 - API is enhanced to update the debug source location
- RDi
 - Many RFEs answered with smaller functional enhancements
 - ** PDM view delivered earlier



Open Source

- Node.js v10 and updated Python packages
- Midnight Commander
 - 2-pane file manager
- R
 - Language for analytics and statistical computing
- vim
 - Popular terminal based editor
- Active MQ
 - Open source message broker







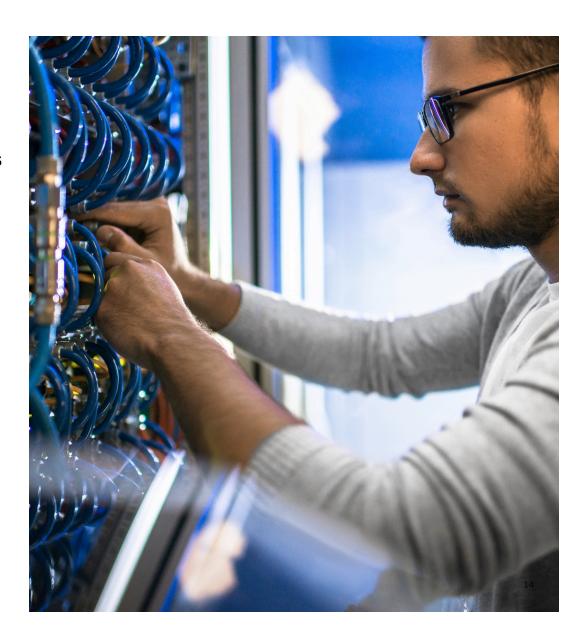






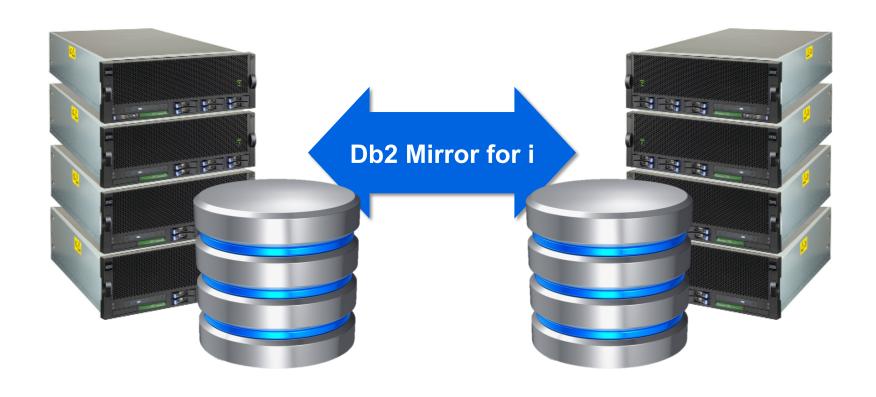
Systems Management

- Integrated Web App Server (IWS)
 - REST API generation for SQL procedures
- IBM i Services
- Work Management
 - QHST improvements
 - Workload Groups by SBS not JOBD
- New behaviour for SAVE/RESTORE dedicated activities
 - option to remain in restricted state once operation is completed

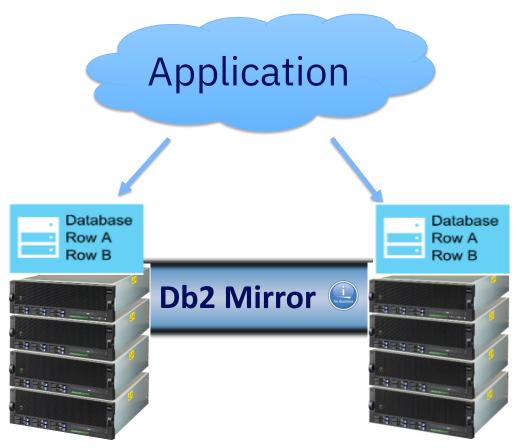


IBM i Db2 Mirror





IBM Db2 Mirror for i



IBM Db2 Mirror for i: Enables Continuous Availability

- High speed synchronous replication of Db2 for i (Data Center Solution)
- · Access Db2 objects from either LPAR

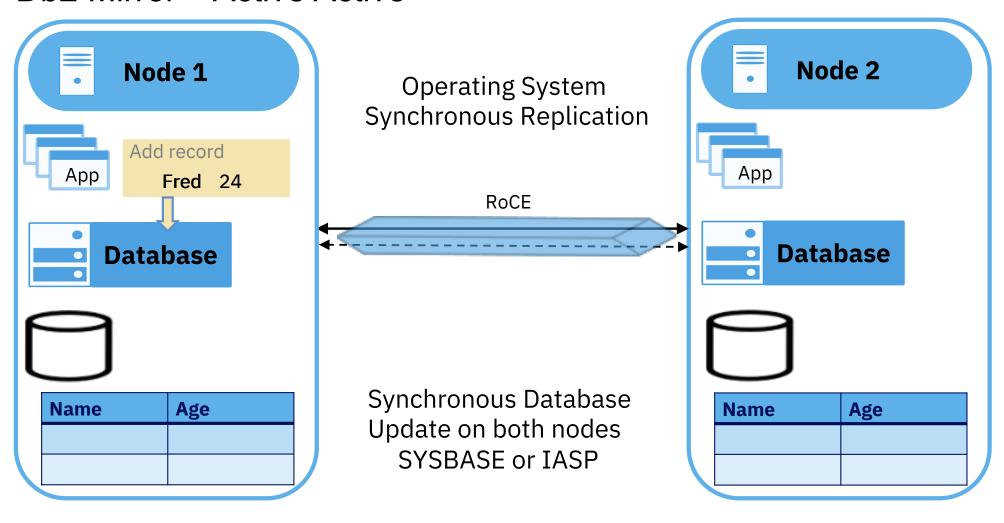
Application Availability Enablement

- Two Nodes read and write to the same DB Files
- Enables quickly moving all work to one node, for planned maintenance or node failure

Enables Business Continuity for Disruptive System Upgrades

- Nodes can be at different OS levels
- Nodes can be on different Power Hardware Generations
- Rolling upgrades for no downtime
- Roll a node back a release with minimal impact if Active/Active applications are deployed
- Requires POWER8 or later and IBM i 7.4
- New IBM i LPP: 5770-DBM

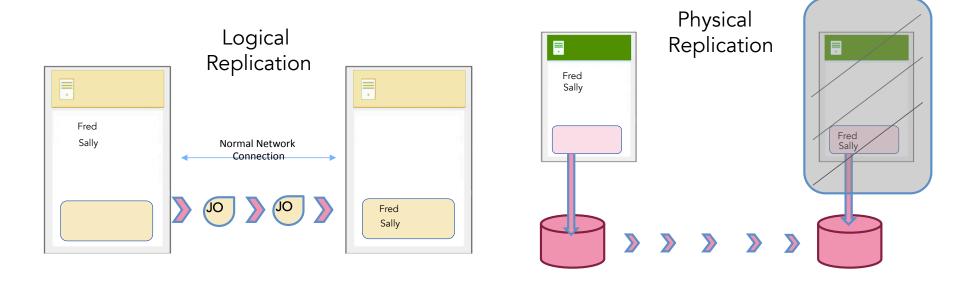
Db2 Mirror – Active Active



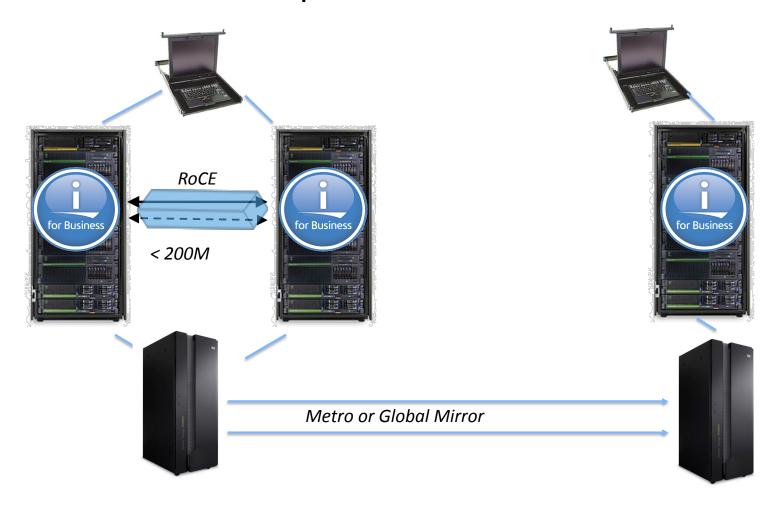
Db2 Mirror – What makes it different

New integrated IBM i synchronization technology Does not leverage any existing availability technology to provide continuous availability

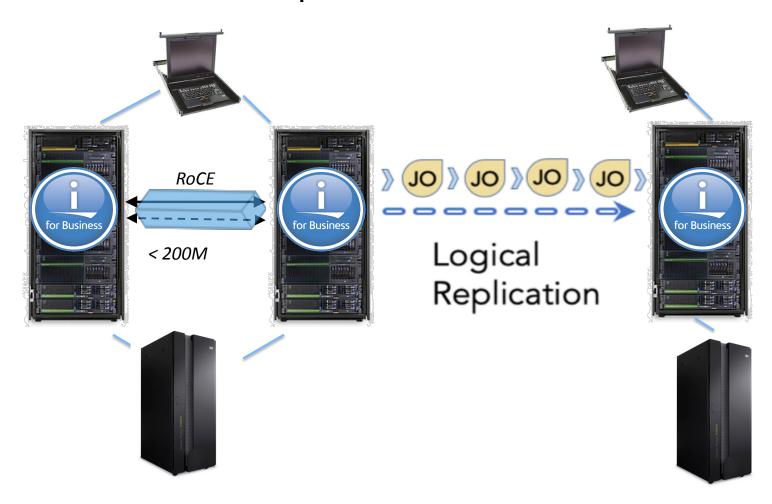
But does work with existing technology



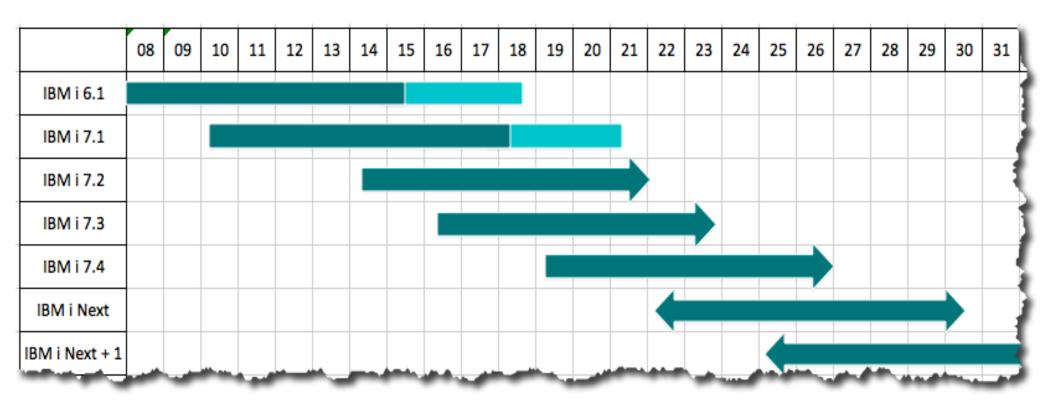
DR Solutions Built on Top of Db2 Mirror for IBM i



DR Solutions Built on Top of Db2 Mirror for IBM i

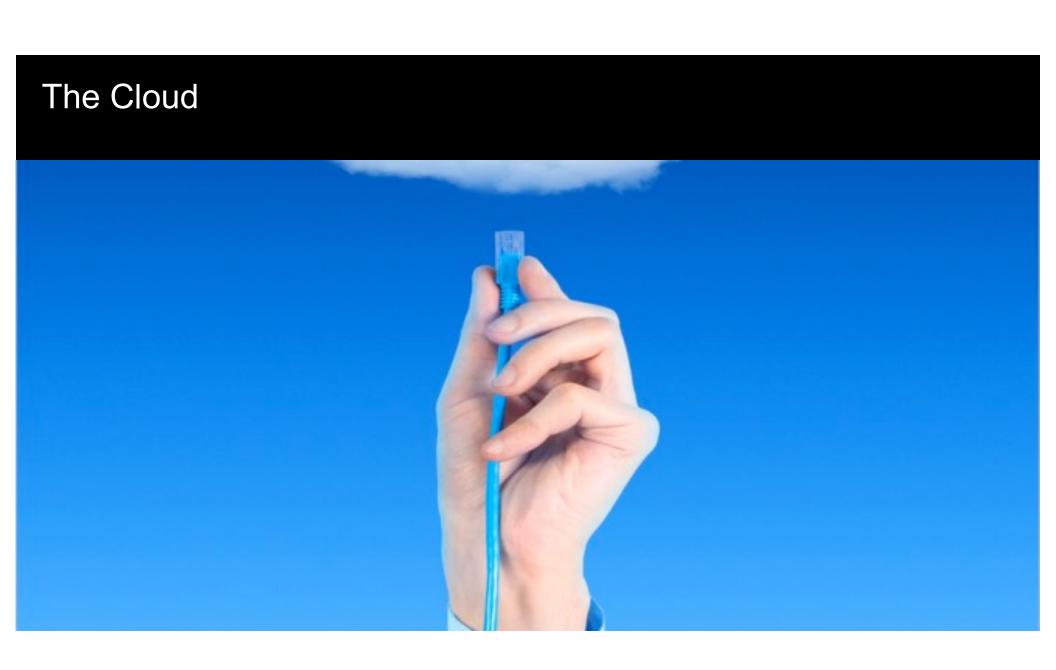


IBM i Support Roadmap



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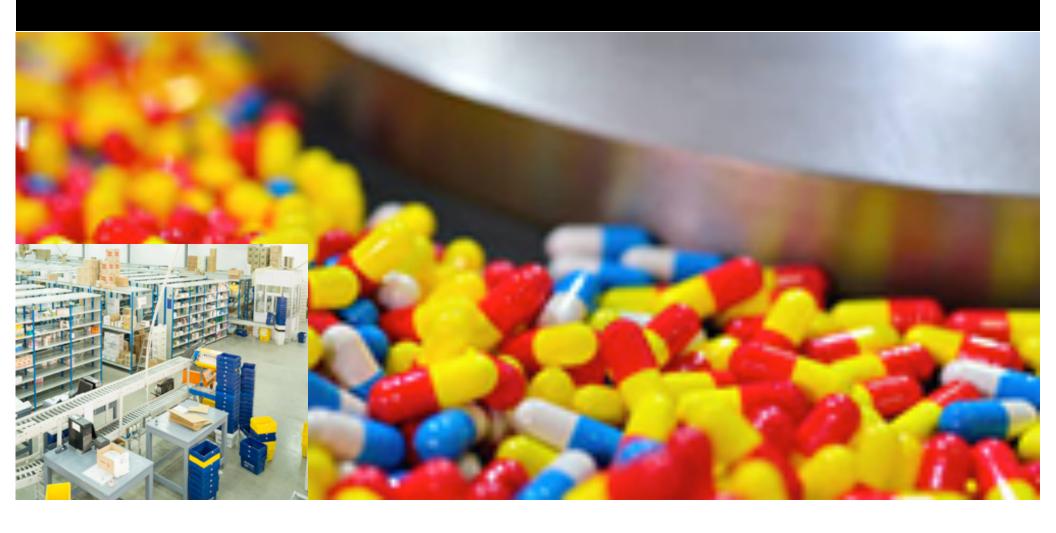


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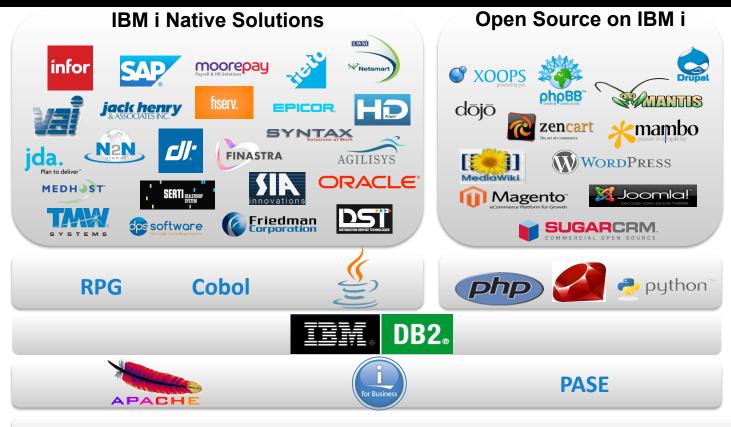


IBM Po er Systems

Ibnsina Pharma - Egypt



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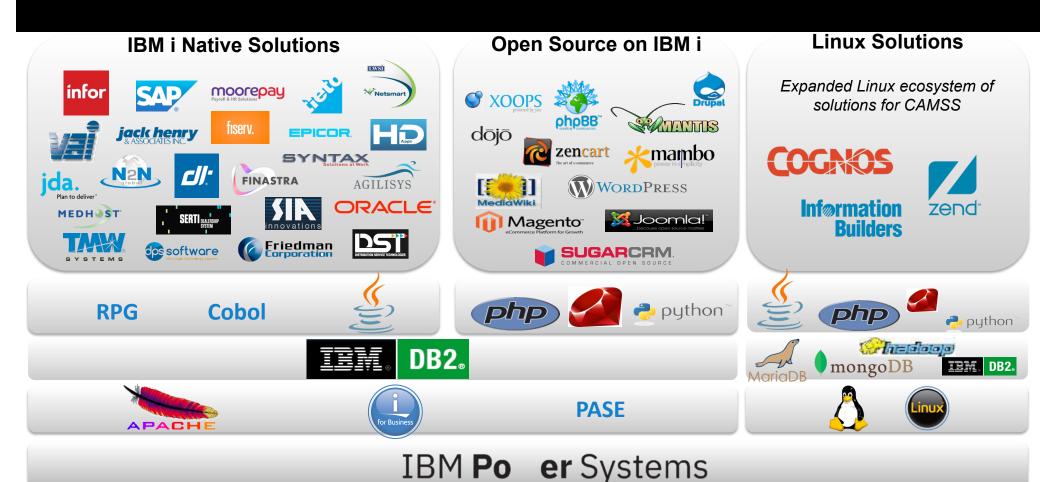


IBM Po er Systems

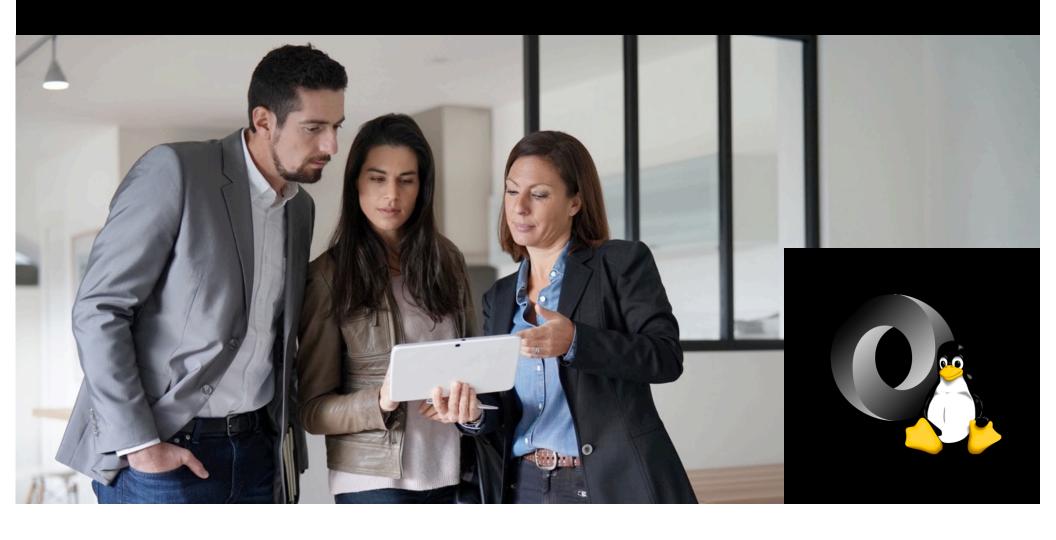




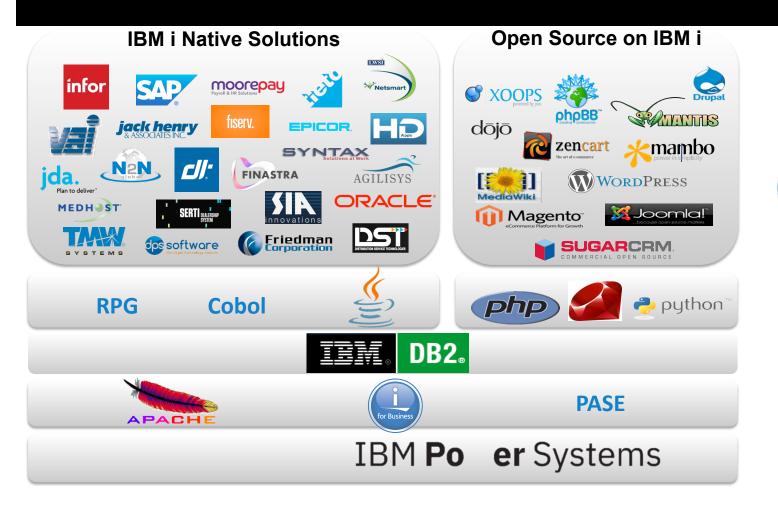
IBM i - Enabling solutions for your business



ORIS - Belgium

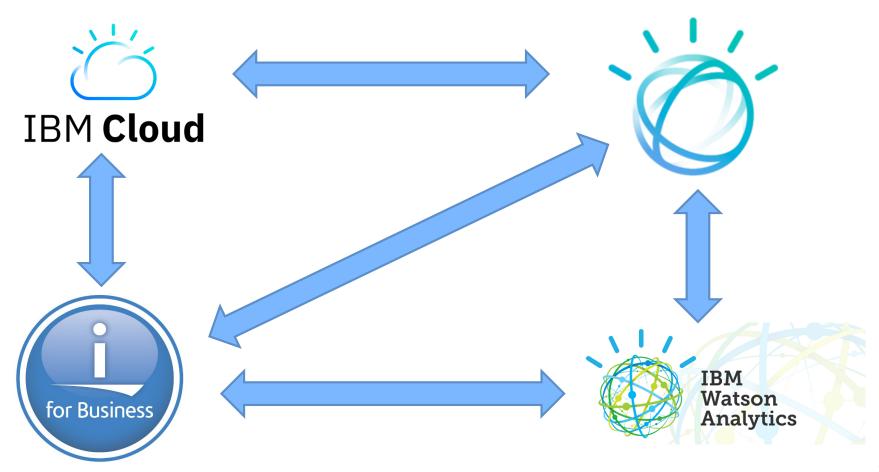


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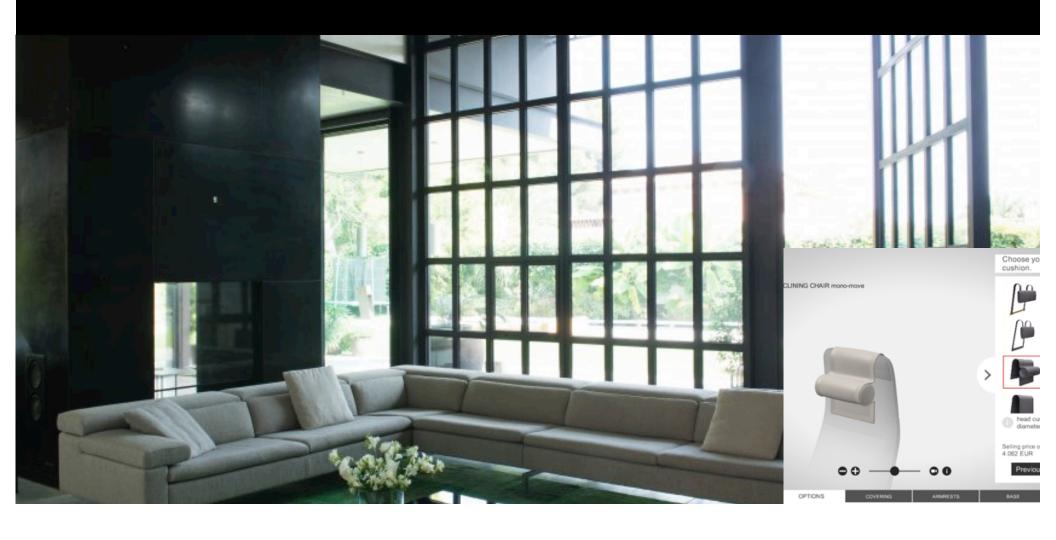




IBM i & Watson

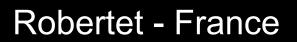


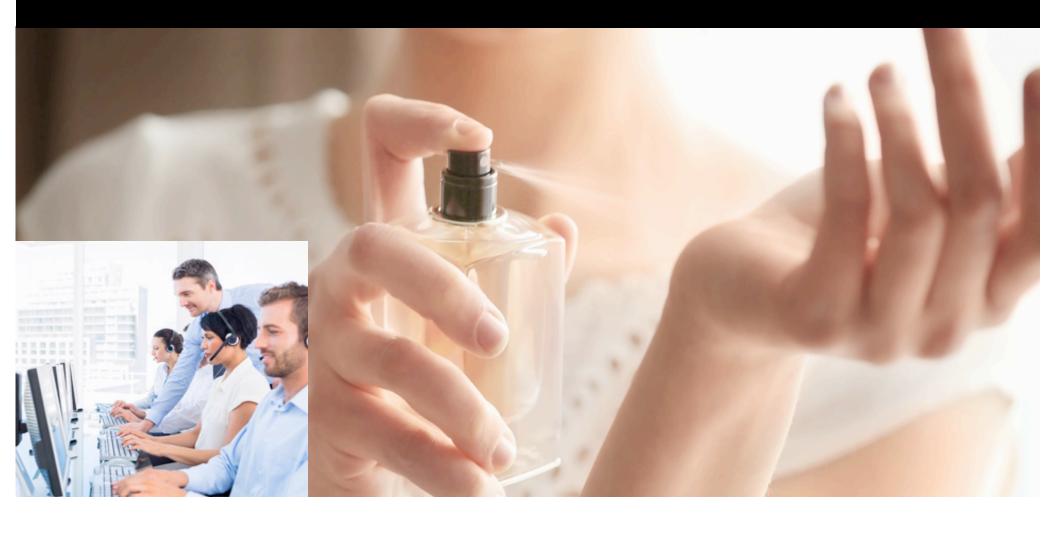
JORI - Belgium



Mixing Multiple Technologies to Extend Business Value







IBM i - Enabling solutions for your business

























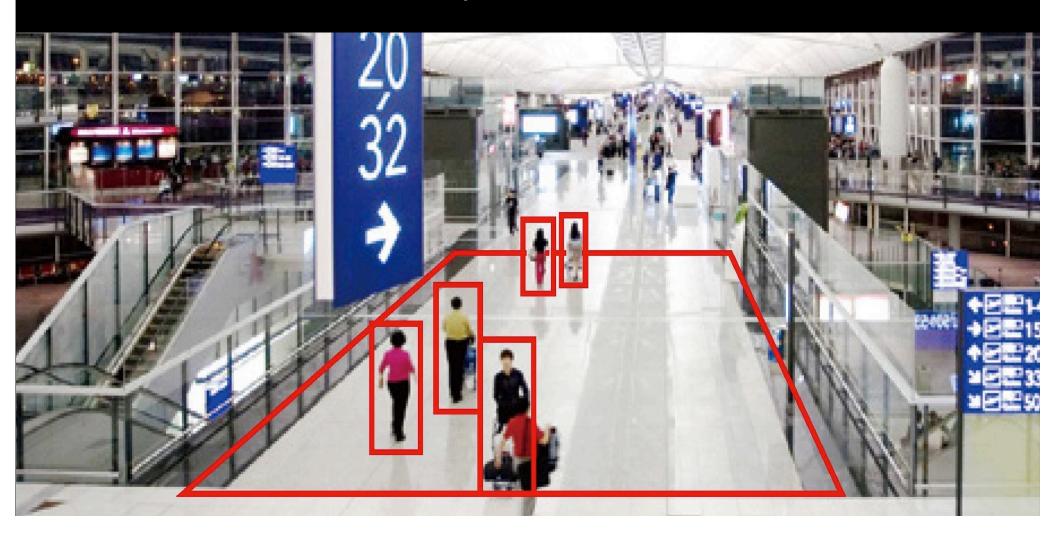




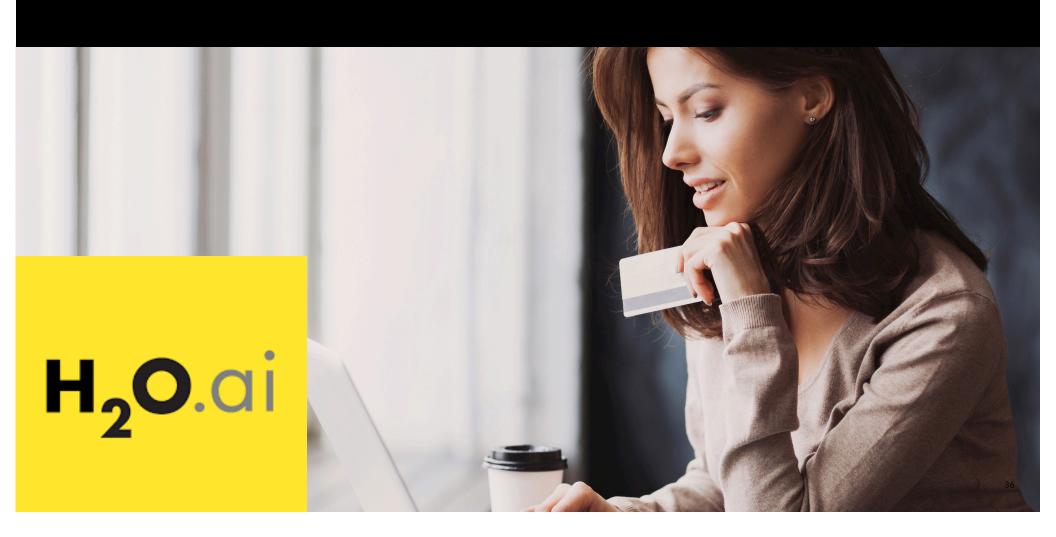
IBM Po er Systems



New Workloads: Video Analytics



Vision Banco - Paraguay

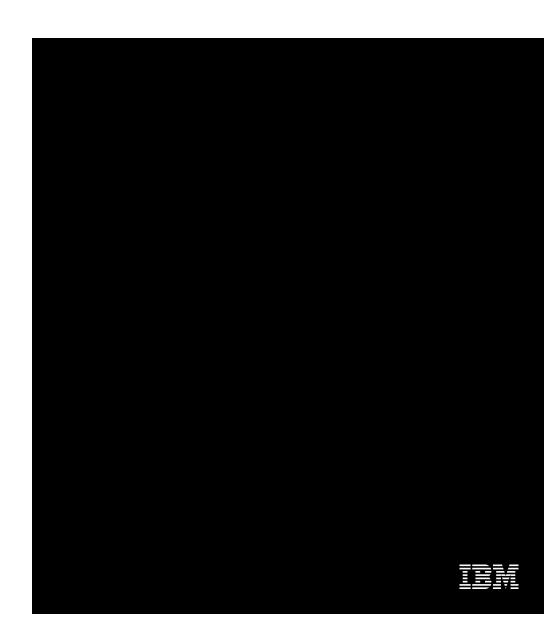






IBM i: 7.4 and Much More

Alison Butterill WW Offering Manager, IBM i



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