Infinite
Corporation

Overview of Offering

Infinite i

Who We Are

Infinite Corporation was founded in 1975

Global leader in AS/400 migration and modernization with over 100,000 deployments in 56 countries

IBM Development Partner (jointly developed the first midrange migration)

Partnerships with major cloud providers – AWS, Azure, GCP

Challenges to leave AS/400 platform

- Proprietary programming language (RPG, COBOL)
- Proprietary database (DB2/400) with features not found in MySQL
- Extensive embedded control language (CL)
- Proprietary systems and storage
- Difficulty in reestablishing in/out bound communications

Infinite resolves each challenge

- Automatically recompiles RPG and COBOL to execute on Linux
- Replicates DB2/400 physical/logical structure within runtime
- Executes CL commands using Linux resources
- Uses commodity systems and storage including cloud options
- Incorporates communications features of underlying operating system

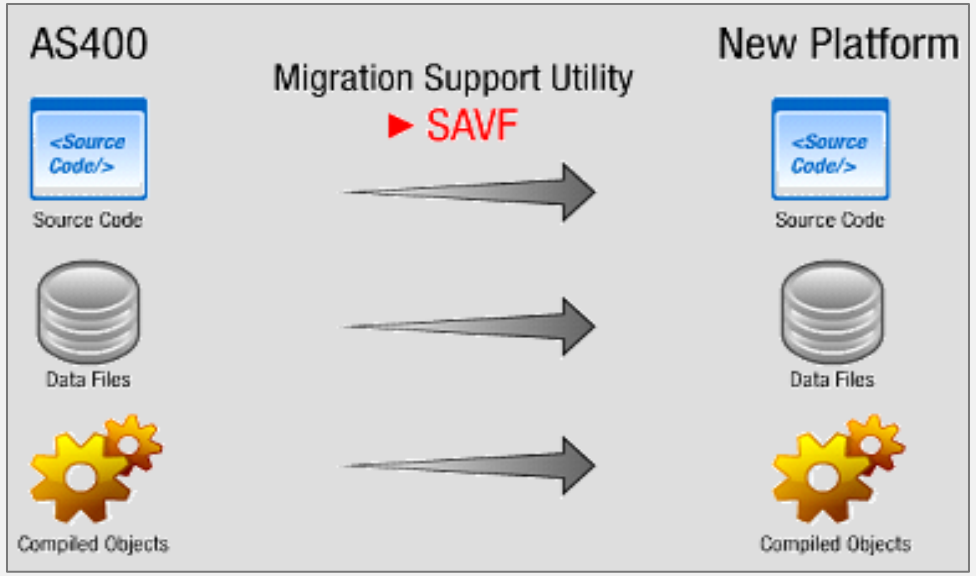
Four-Step Methodology

Rehost Applications	Recompile program source and replicate DB2/400 data structure on Linux
Deploy on Linux	Execute applications in environment supporting all features including program and database calls
Migrate Database	Migrate data from DB2/400 to Infinite replicated data structure (with option to use of MySQL)
Serve in Web Browser	Replace text-based client/server interface with web-deployed graphical screens from any device

Step 1: Rehost Applications

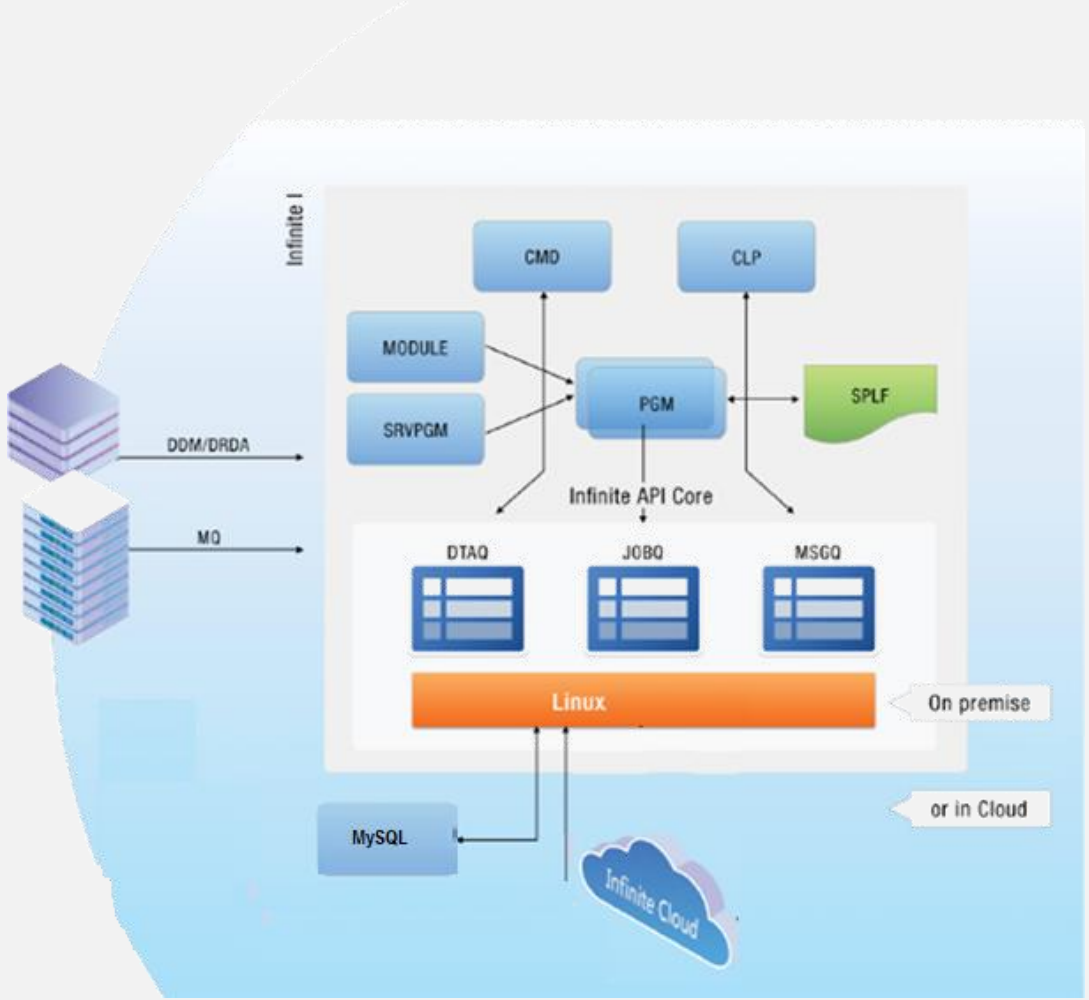
- Intelligent compilers recreate current library structure in Linux directory
- Supports RPG, COBOL, CL, DDS
- System automatically sets up a twin image on Linux of DB2/400 including physical/logical file
- Supports all routine functionality of DB2/400 including simple/logical joins, select/omit, triggers, journaling, multi-member/multi-format logicals

Host to Target



Step 2: Deployment

- Deploy VMs for development, test and production modes paralleling AS/400 LPARs.
- Execute on Application Server on any standard Linux distribution.
- Use traditional 5250 terminal emulation software or Infinite Cloud.
- Deploy development and production instances on premise or in the cloud



Step 3: Database Migration

- Solution includes a complete replication of DB2/400 on Infinite/Linux
- Automatic migration with applications – not a separate host to target operation
- Intercepts RPG file operations (open, read, update, write, delete) and interprets them for the external database
- Option to replace some or all native files with MySQL
- Automatically converts physicals and logicals to tables and views

Step 4: Browser Deployment

- Graphically renders native text green screens and deploys them via web browser
- Uses a standard global template with your corporate identity to convert screen elements into HTML 5, CSS and JavaScript
- Supports standard plug-ins and gadgets to add new content to screens

Benefits of AS/400 Application Migration

- A low-risk, proven method to extend the life of critical functions and protect years of investment in development
- Implementation occurs in parallel with no disruption to operations
- Executes on standard cloud platforms ending reliance on AS/400 operating environment

Prototypical Implementation Timetable

Infinite i Prototypical Timetable *(elapsed versus billable time)*	Months 1	2	3	4	5	6
Project Approval and Start	✕					
Application delivery and validation						
Execute Agreements and Scope of Work						
Project Implementation		✕	✕	✕	✕	
Systems Preparation and Environment						
Backup, Transfer, Restore, Recompile, Remediate and						
Prepare and Submit Validation Report						
Client Assumption & Testing					✕	✕
Project delivery						
Client UATs in production simulation						
Training					✕	
Maintenance and Support						✕

Infinite Offering

- Subscription Software Licenses
- Support and Maintenance included
- Implementation Services
- Training

Project Implementation

- Rehost and validation applications
- Migrate data with option to implement on MySQL
- Host production environment on-premise or cloud
- Deploy via browser with modernized user interface

Replacement Options for AS/400 system

Option	Cost	Time Required	Risk	Implementation Difficulty
Rewrite	High	1-3 Years	High	High
Replacewith COTS	Medium	Varies	Low	High
Do Nothing	Financially – High Second order effects – High	N/A	Low	Low
Infinite Migration	Medium	60-90 days	Low	Low

Discussion

Q&A

Thank you!