



CYQUENT

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## Legacy Migration

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# The Project

Cyquent was awarded a contract by a US County to provide IT services for the Automated Transformation and Platform Conversion of Legacy Mainframe Human Services Applications.

The County was decommissioning its mainframe system.

Two mission-critical applications for Department of Human Services (DHS) resided on the County mainframe and had to be converted from the IBM MP3000-H30 server (63 MIPS) using COBOL, CICS, IDEAL, and DATAComDB to web based systems running on the County standard architecture which included Microsoft Windows Server2003 R2 Enterprise Edition (SP2) using Internet Explorer 6 or 7, and developed with .NET and SQLServer.

All system interfaces with other internal county systems had to be built on the new .Net architecture as well.



# The Solution

Cyquent successfully assembled a project team that included program management, project management, architects, database specialists, transformation specialists, developers, and quality assurance analysts.

Cyquent provided an approach that mitigated risks, leveraged the team's experience, provided proven delivery methodologies, delivered proven quality assurance processes, leveraged proven automation tools, and delivered a high quality as well as a cost effective solution on a scalable, robust and flexible architecture framework.

# The Deliverables

- A fully functional client services entry, payment and purchase of service system created from the automatically transformed source code from the existing mainframe systems.
- Identical business processes to the existing system (same steps, same screen functions).
- A new database containing all data converted from the existing system and operational with the delivered system.
- Data conversion from old mainframe databases to the new relational databases
- Technical Documentation including project management plan, architecture and design document, installation and deployment document, system operations and administration procedures.
- The project was completed within budget and on time. Cyquent has since been awarded contracts for follow on support and maintenance and that work is currently in process



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