

## Quantum Choice Highlights

### For Government Payers

- Highly configurable, scalable, interoperable
- Easy-to-manage multi-level, role-based security
- MITA 2.0 aligned
- Proven Commercial Off The Shelf (COTS) solution
- Cost effective rules based, scalable Service Oriented Architecture (SOA)

### For Users

- Flexible design supports member/beneficiary plan setup
- Configurable benefit plan member and service level
- Individual member/whole family benefits management
- Comprehensive Audit/Error tracking
- Intuitive access serving all stakeholders



### For Partners

- Optimal agility in benefit management, claims processing and operational support
- Interoperability and Seamless Integration
- Proven successful for Federal and State claims processing



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## Next Generation Configurability In a MITA Aligned Solution

### A New Standard of Agility, Rapid Deployment and Savings for Managing Change in Government Healthcare

With rapidly evolving government healthcare landscapes, payer organizations anticipate changes on the horizon for programs, products and technologies. Quantum Choice is a COTS product that is closely aligned with the MITA 2.0 initiative to deliver the processing and architectural agility required to rise to tomorrow's challenges.

Quantum Choice's combination of configurability, interoperability and easy integration reduces initial and ongoing configuration, testing and deployment costs and promotes best practices. Powered by a flexible, rules-based processing engine, this MITA 2.0-aligned solution adapts to support organizational business processes and allows for seamless integration of administrative and clinical data.

### Benefit Plan Building Blocks – Scalable to Support Multiple Programs

Creating and managing unique benefit plans is easy with Quantum Choice's flexible, building block design. Using open, Service Oriented Architecture (SOA) to further optimize processing agility offers immediate revenue opportunities. For example, SOA allows state healthcare organizations to support multiple programs, such as Medicaid, SCHIP (Children's Health programs) and Public Employees Insurance plans – all under one enterprise-wide solution, and unlimited scalability through the deployment of RAIS (Redundant Array of Inexpensive Servers).

### Secure, Multi-leveled Data Protection

In an age of where stolen or lost data is commonplace in many organizations, security is essential at every level of government healthcare administration. Quantum Choice makes it easy to manage security at multiple user levels.

Quantum Choice optimizes security-protected management of global settings, including code and code group management, patient notes, result codes, and more. These data safeguards provide an effective means for enforcing and automating system security, allowing administrators to easily manage data protections at every level. Security settings will also apply to reporting, allowing the creation of a secure/limited report set per workgroup or management group.

### Agile Workflow Automation Cuts Costs, Enhances Service

Configurable workflow automation significantly increases productivity of claims analysis and processing, improves auto-adjudication speed and rates, enhances customer service, billing and payment.

*"HIS indicated that we have reduced their costs by 1/3, or approximately \$10 million. Our customer feedback has been excellent, too. We have immediate access to claim information, so we can answer questions in real time."*

– ASSOCIATE DIRECTOR, VETERAN'S ADMINISTRATION FINANCIAL SERVICES CENTER



### About Plexis Healthcare Systems, Inc.

One of the fastest growing claims processing software developers in the healthcare marketplace, Plexis has provided cost-saving solutions for healthcare organizations since 1996. Plexis is a federally designated small business and minority owned business, headquartered in Ashland, Oregon. Plexis serves healthcare payer organizations across the United States as well as international clients.

A Certified Microsoft Partner, Plexis Healthcare Systems' benefit administration tools employ the very latest Microsoft technology and are highly rated by independent healthcare consultants. The company is also a selected partner in Microsoft's Connected Health and Human Services (HHS) alliance.

Plexis software and services enable healthcare organizations to reduce costs, streamline and automate their claims payment and medical case management requirements, increase profitability and enhance customer satisfaction while helping them meet all current governmental regulations, including HIPAA.

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**Learn more: Call 877.475.3947 and visit [www.plexisweb.com](http://www.plexisweb.com) today. Quantum Choice, the Next Generation Government Healthcare Standard**



### ***Quantum Choice: Core Architecture & Platform***

The Quantum Choice application from Plexis Healthcare Systems currently uses SQL Server 2005 as its database platform for on-line transaction processing (OLTP) and is in the process of upgrading to SQL Server 2008 for all Public Sector delivery. All other components are built upon the Microsoft .NET Framework. The user-interface is a .NET Framework 3.5 Windows forms application. The processing engines are distributed services for scalability.

### ***Quantum Choice: Rules Engine***

The processing engines (adjudication, billing, and capitation) are configurable step/workflow engines that support highly-configurable rules with custom criteria to trigger the steps/rules. The processing engines are built upon the Microsoft .NET Framework. The user interface is a .NET Framework 3.5 application. Based on client needs, Plexis can deploy a Web Forms, browse-based application or a Windows Forms application with comprehensive web portal capabilities.

### ***Quantum Choice: Service Oriented Architecture (SOA)***

The processing engines are exposed as services to the client application user interface (UI) and other components. They are distributed, scaleable, and are part of our .NET service-oriented architecture (SOA).

### ***Quantum Scale Out: Redundant Array of Inexpensive Servers (RAIS)***

Quantum Choice's distributed, scalable architecture does more than improve your organization's ability to change with the market and interface with emerging applications. Distributed architecture enables healthcare organizations to inexpensively increase performance and availability by using an RAIS strategy.

Scaling out at the front end is particularly beneficial for web server implementations. This is accomplished with an array of servers that provide the same services to all clients. Incoming requests are distributed across the server array, which ensures no single point of failure. To improve performance and availability, another server is simply added to the array. If there is a failure, the load is automatically distributed across the available servers, maintaining performance and availability.

Distributed architecture's ability to scale out the middle layer offers the greatest advantages to healthcare organizations. Like the front-end, scaling out the middle layer allows organizations to incrementally increase computing power. Scaling out in the middle tier typically involves the use of 4-way or 8-way servers to accommodate the software and processing demands of middleware applications. Plexis Quantum Choice uses a .NET platform, so the middleware tools needed to configure scale-out solutions are built right into the system.