Stewarding healthcare transformation
IQware and Oracle

As the industry evolves...

The healthcare industry has a long history of following the status quo. Time-tested policies, procedures and actions have been accepted as golden rules. Today, however, the healthcare industry is in the midst of drastic change created by Meaningful Use, HIPAA, HITECH, the PPACA ["Obama Care"], and a constantly changing set of regulatory guidelines. Every healthcare organization–from private physicians to regional hospitals to pharmacies and in-home healthcare providers–must learn how to work in all-new ways.

A single common thread applies to all changes in the healthcare industry. Security. Today's healthcare organizations must consider security a number one priority if they are to meet regulatory mandates and avoid staggering fines.

Do you have a plan for meeting the new and evolving security requirements? If not, IQware and Oracle can help–by delivering a new idea, built in a new way, to create something all new and all innovative, and to yield better business results.

Patented Approach, Unmatched Protection

Your focus is healthcare; that's what you do best. IQware and Oracle focus on information management and security; that's what we do best. Together, we can deploy a comprehensive and highly secure information management solution that enables your organization to capitalize on the opportunities created by today's changing healthcare industry.

Built on the unique IQware data management architecture and the proven Oracle database offerings, the IQware and Oracle solution enables you to manage all your information, across all locations–with the added benefit of exceptional security and flexibility. This way, you can take an important step toward the new patient-centric healthcare model, where the patient resides at the core of an ecosystem of connected care providers.

Using rules instead of programming, IQware and Oracle solutions enable you to rapidly create new and/or enhance existing healthcare applications that deliver the right data to the right people at the right time. The beauty of rule-based apps is that you can update them at any time to meet new business requirements as they emerge–without writing a single line of code. Offering a paradigm switch from traditional software development practices, the IQware and Oracle solution enables your healthcare organization to:

- **Simplify integration** – IQware works with any data source and user device including tablets, smartphones and other mobile devices

- **Speed deployment** – by eliminating time-consuming and error-prone programming and "module-based" coding

- **Change applications on the fly** – by simply updating rules

- **Enhance user adoption** – by delivering secure apps that work, and that users appreciate

- **Increase information management security** – using OVMS, the highly secure, transaction-based, real-time operating system that – when properly configured – has never been hacked

- **Security policy is enforced** by the reference monitor, a secure system structure that operates at the kernel level

- **Object access permissions** are both role-based and rule-based in their assignment and implementation

- **Drive down costs across the board** – including development and management, as well as those unexpected costs created by software hacking

IQware and Oracle advantage

When you choose the IQware data management architecture together with Oracle databases, you receive an advanced solution that enables:

- **Total information access** – From any source across the value chain, including hospitals, physicians, pharmacies, and patients; persistent protection, regardless of the network topography.

- **Removal of information silos** – Streamlining hospital mergers and acquisitions.

- **Reversal of the 70/30 maintenance/innovation ratio** – Helping you apply more budget to growing the business.

- **The ability to handle an audit with confidence** – Many solutions claim to be HIPAA compliant, but they can't produce a true audit trail; the IQware and Oracle solution can audit every single mouse movement, enabling you to demonstrate HIPAA compliance.

- **The end of repetitive code development cycles** – Using rule sets, you can develop functionality that has a virtually endless shelf life and is not dependent on any operating system or version; you can adjust rules to modify functionality – without having to shut down the system or reboot.

- **Better security** – OVMS systems provides security features and mechanisms that enable enormous volumes of patient information to be shared between healthcare providers, with more security than on any other platform.

- **Top-to-bottom industry support** – Oracle brings unmatched resources and decades of experience to the challenge of improving healthcare globally. Oracle is the number one worldwide software vendor in not only healthcare, but also in many areas vital to your success, including customer relationship management, human capital management, middleware, and enterprise performance management.

The uncommon cure for secure application development, deployment, management

Optimized for OVMS and Oracle's database, the IQware data management architecture is designed to work cooperatively with your existing healthcare IT systems. This advanced software platform prevents the culture shock that often accompanies the typical "IT transformation" in the healthcare industry. Using a patented configuration process (US #7,322,028; others pending), all IQware operations are controlled at run-time by "rules":

- The single IQware application, using rules, acts like the desired software application.

- Rules execute at run-time and can be changed while the application is running.

- The rules are configured graphically by a special application.

- Persistent data protection is maintained throughout the data lifecycle, regardless of program changes.

- No programming or programming knowledge is required to set up and configure an application with IQware; no new source code is generated; no new physical, executable application is deployed.

You can use the IQware data management architecture to handle all your common activities – including admissions, electronic medical records (EMRs), pharmacy operations, auditing, and compliance verification – as well as perform interactive data acquisition, analysis, reporting, auditing, presentation, and archiving.

Industry-leading foundation

To complete your new healthcare information platform, you can trust Oracle database solutions–such as Oracle Database 12c. The latest generation of the world's most popular database, Oracle Database 12c delivers industry-leading performance, scalability, security and reliability on a choice of clustered or single servers running Microsoft® Windows®, Linux, and UNIX operating systems. The database provides comprehensive features to easily manage the most demanding transaction processing, business intelligence, and content management applications:

- Innovative multitenant architecture

- In-memory column store

- Support for JSON documents

- Design for the cloud

Take the next step

The time is now to apply innovation and invention to new challenges as they emerge in the healthcare industry. The time is right to work with IQware and Oracle to design a solution that secures your patient files and Big Data, streamlines application development, and enables you to demonstrate compliance.

Contact your IQware or Oracle representative today. Arrange for an assessment of your healthcare IT environment. You can also visit *iqwaresolutions.com* and *oracle.com*