

VIPER[®]360



Real-time patient information
powered by Open Technology

Crown
Commercial
Service
Supplier

Introducing Viper360®

Viper360® is a second generation portal solution that provides a true integrated digital care record across acute, primary care, mental health, community, social services and local authorities. It allows users to see the most up-to-date information for a patient in real-time and at the point of care on desktop or mobile devices.

Viper360 is built on open technology and is completely TIE-agnostic

It is built on open technology and is completely integration engine-agnostic, enabling organisations to adopt a building block approach that is flexible and enables rapid benefit realisation. This means that Viper360 can be delivered within very quick timescales at a lower cost than traditional portals.

Viper360's modular approach enables rapid deployment, ensuring faster benefit-realisation

Viper360 creates a virtual patient record, pulling information in real-time from any source system, maximising data availability and minimising any clinical risk. This not only reduces complexity, but also simplifies Information Governance requirements. The flexibility of Viper360 means that data can be received directly from source systems on demand, incorporated into a repository enabling business intelligence and analytics, or can be entered into Viper360 to be written back into existing systems.

Viper360 is wholly configurable and is designed to fit an organisation or health economy's requirements, starting with the business challenge and providing a solution. This is a key unique feature of Viper360 – it does not require complex and lengthy configuration to try and best meet an organisation's requirements. Instead, it is built and deployed around requirements using its modular, open technology framework.



Nottinghamshire starts phase 1 of health and social care integration project



Nottinghamshire Healthcare, one of the country's leading national integrated providers of mental health, intellectual disability and community health services, selected the Viper360 platform to provide an integrated view of patients from a number of disparate clinical systems.

The Trust uses four separate versions of the RiO Community and Mental Health system, each requiring different levels of security access, and SystemOne for recording the physical wellbeing of patients. Many of the Trust's patients and service users have both physical and mental health issues, and clinicians were concerned that using two different systems was inefficient and clumsy. Viper360 enables clinicians to see that further information for a patient exists on systems that they traditionally may not have had access to. This helps to deliver a more accurate picture of the patient's history.

In Phase One, Viper360 provides single sign-on and roles based access to RiO Local Services and SystemOne Community data, IAPT case management, eCPA document management and the MIG.

In addition, Viper360 will provide the Trust's users with direct access to SystemOne, as well as the Trust's other three instances of RiO and the Summary Care Record, with the potential for future connections including the Pharmacy Stock Control system, the BOMIC Substance Misuse system and Sunquest ICE for Trust laboratory results.

When asked about why the trust selected Viper360, Andrew Haw, Head of Health Informatics for the Trust commented: *"Systems should enhance the way clinicians work, not make things more difficult for them. This development will allow real integration between our systems, the information stored there and ultimately will improve patient care."*

The Viper360 difference

What makes Viper360 different is the fact that it creates a 'virtual' integrated patient record. It pulls data in real-time, on-demand (subject to individual user permissions) to provide a single view of a patient from across data source systems. The fact that Viper360 does not rely on data repositories, combined with its modular and open technology design, means it is faster to deploy and significantly lower in cost than first generation portals.

Rapid return on investment

The ability to rapidly deploy Viper360 means that NHS organisations will quickly start to achieve a return on their financial investment. As well as providing front-line clinical benefits through integrated information, Viper360 enables significant cash releasing and non-cash releasing savings by reducing duplication – enabling rationalised access to information, quickly and securely. The ability to make clinical decisions based on the latest available information reduces clinical risk, improves patient outcomes and experiences.

Clinical benefits overview

Harm reduction

- Information required for a clinician's due diligence at the point of care so less mistakes made, reducing avoidable harm to patients

Information availability

- No time wasted searching for required information so more time available for provision of healthcare
- Holistic view of patient information at point of care, reducing mistakes and potential litigation costs

Repetition reduction

- Information is captured only once and shared, reducing repetition

Data accuracy

- Increased accuracy of data entered synchronously at the point of care reducing error rate and the likelihood of avoidable harm to patients

Improved quality outcomes

- More informed clinical decision making at the point of care

Empowered patients

- Better access to information enables patients to become more active in decisions about their care

Improved medicines management

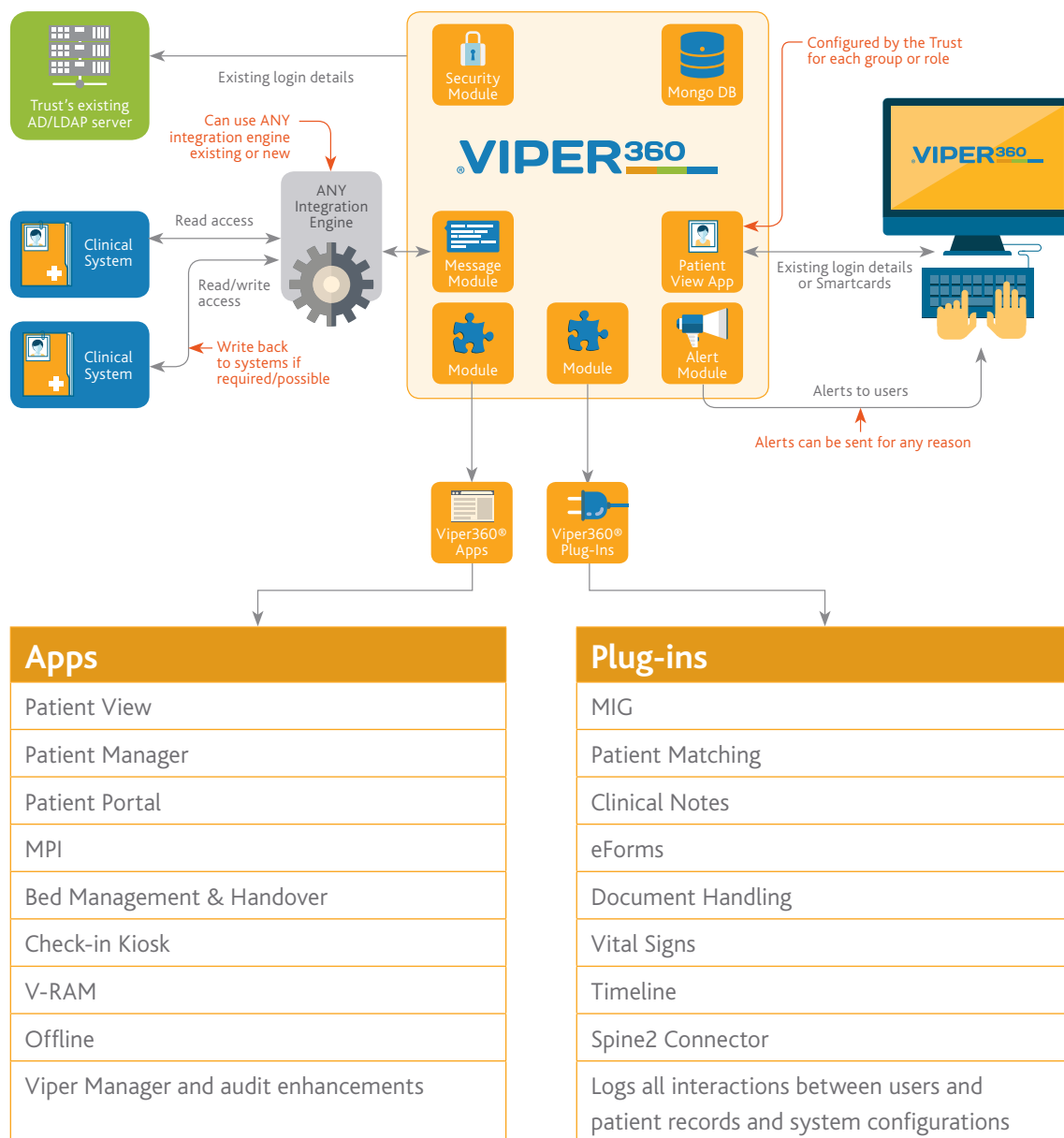
- Through access to more complete and up to date information about allergies, current prescriptions and approved formularies

Greater integrated care

- Through better access to and sharing of information
- By providing information to clinicians and carers about who else is involved in provision of care to patients

Viper360 technical overview

The Viper360 framework is fully modular and is comprised of a suite of applications and plug-in enhancements that enable a building-block approach to meeting specific organisational or health economy requirements.



Viper360 Technology Features and Benefits

Feature	Benefit
TIE-agnostic – Open Source or proprietary	Leverages and maximises existing IT investments and supports NHS England Open Source initiative
Configurable components and common message format	Ease of configuration and speed of development means rapid deployment
Live view of any patient grouping e.g. wards, clinics, patient rounds, case loads, specialties, conditions, GP surgery	Real-time picture of patients regardless of care setting
Clinical notes application	Allow clinicians to add free-form notes to any patient's record
Alerts to users when data feeds are unavailable	Ensures clinicians know when some data is missing due to source system issues
New consent user interface	Meets NHS directives, provides audit trail for IG and GPs
Favourites list	Share lists of patients between users and groups
Scheduler	Automatically carries out repetitive tasks
Viper Manager and audit enhancements	Logs all interactions between users and patient records and system configurations
Enhanced patient finding – data slider, multi-source searches, previous patient button	Faster and accurate identification of patient





Clinical portal checklist

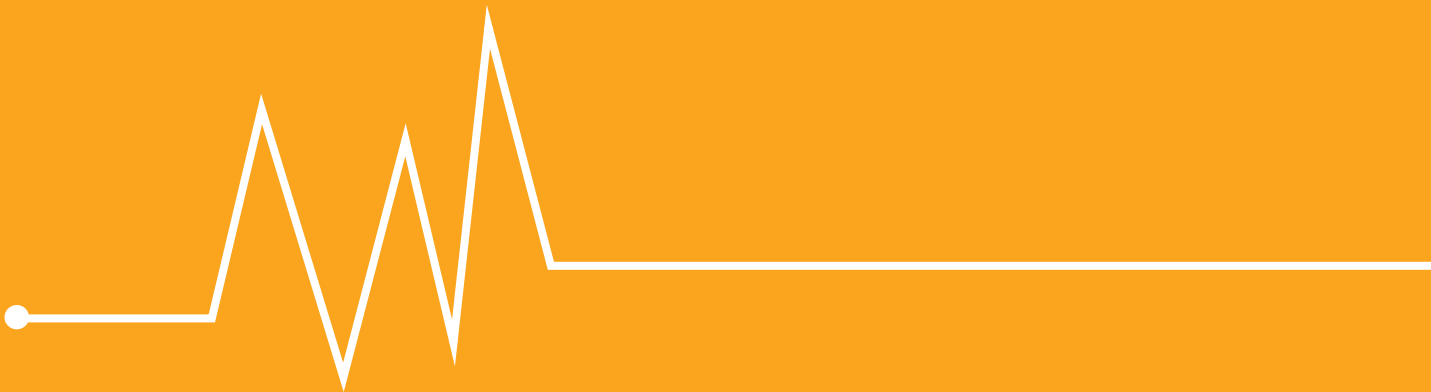
- Quick to deploy
- Patient-centred and easy-to-use
- Available at point-of-care
- Real-time
- Incorporates any data source
- Requirements and benefits-driven
- Flexible and modular
- Easy to configure
- Scalable (cross-organisational)
- Front-line clinical benefits
- ROI of 3:1 in cash-releasing benefits



To book a demonstration of Viper360
or for further information,
email sales@viper360.co.uk

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Andrew Haw, Head of Health Informatics, Nottinghamshire Healthcare



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