



DATA DISCOVERY SERVICE

The ever-evolving digital landscape of new and innovative solutions can create a proliferation of legacy systems and data. This results in increased data risks, costs and overheads in maintaining many disparate instances of legacy data. This situation also locks away data from being usefully integrated with operational systems and used for research purposes.

Nautilus has a wealth of experience in data management and healthcare systems data structures. The Data Discovery Service is the first step for organisations to fully identify the risks and challenges associated with managing legacy data and to create comprehensive pathway that mitigates such risk and adds value to historic data by securing it in a cost effective and easily accessible way.

CHALLENGE AND RISKS

Perhaps you are you a large health organisation that relies on a myriad of different digital systems?

Are you about to undergo a large EPR migration or even module upgrade with critical legacy that cannot be migrated?

Do you want the option of retaining the data, integrating it with your core system i.e. the EPR, lowering the cyber risk and unlocking the data by making it available and interoperable?

Are some of your digital systems deemed legacy and are about to be retired or replaced?

What are you doing with the soon to be replaced systems – they could be a silo of data, costly to maintain or an ongoing cyber risk?



DISCOVERY SERVICE

The Nautilus Data Discovery Service considers all risks and challenges associated with legacy data – whether it is part of a data migration project or for systems which have been retired and which still reside on costly or unsupported hardware and software. For each application, the Nautilus Service examines:

- Cyber Security including versioning of hardware, system and application software for legacy solutions and the costs of maintaining solutions
- Data Migration where needed we can review and advise on data which can be migrated to new environments and data which simply cannot be taken into new solutions such as EPR's
- Retiring Old Applications – we can identify what data is absolutely critical to support clinical and operational needs and how this can be managed in an effective and accessible manner
- Unlocking data and gaining Value – data can often be housed in read only storage meaning that it is isolated and little, or no value can be derived. Nautilus can advise how historic data can be used as part of the patient record and for example, used for research as part of machine learning and AI type initiatives
- Downtime – downtime procedures are reviewed to ensure all business-critical systems are covered and if necessary, access to vital clinical data is available at all times
- Unknown Risks – our Service ensures that a fully audited assessment of each application is in place across the entire estate including services and contractual obligations to be provided by suppliers

Our recommendations will provide a complete set of actions on how to manage all risks and challenges with legacy data which will deliver benefits in key areas.



DATA DISCOVERY SERVICE



The Nautilus Discovery service will unravel the risk around both EPR migrations and legacy data. We will build a profile of systems, an optimal migration strategy and outline business case.



TECHNICAL

- Rationalisation of applications and hardware to reduce support overheads
- Critical data can be assessed and better managed
- Review of contracts to assess RTO/RPO and exit arrangements
- Historic Reporting is available from one unified source
- Identification of risks and criticality of specific historic data will support DR planning
- System, hardware and application versioning control and patching will aid planning and risk management

ORGANISATION

- GDPR Requirements can readily be met through access to all systems
- Expensive support contracts can be reduced or replaced
- Highlights immediate calls for action
- Enables organisations to meet requirements set out the DSP Toolkit which mandates 'all software and hardware has been surveyed' and 'unsupported software and hardware is categorised and documented and data security risks are identified and managed'.

Where required, Nautilus Consulting can deploy its own fully integrated Archive Viewer to support organisations to better manage legacy data and realise benefits with one enterprise-based solution. It lowers the risk of moving away from legacy software with a single in-context view on clinically rich data held across multiple clinical systems. It comes with pre-built connectors to integrate with your current systems.

To find out more about the Legacy Systems Discovery Service or our Archive Viewer, please contact us via the details below.

