We can transform
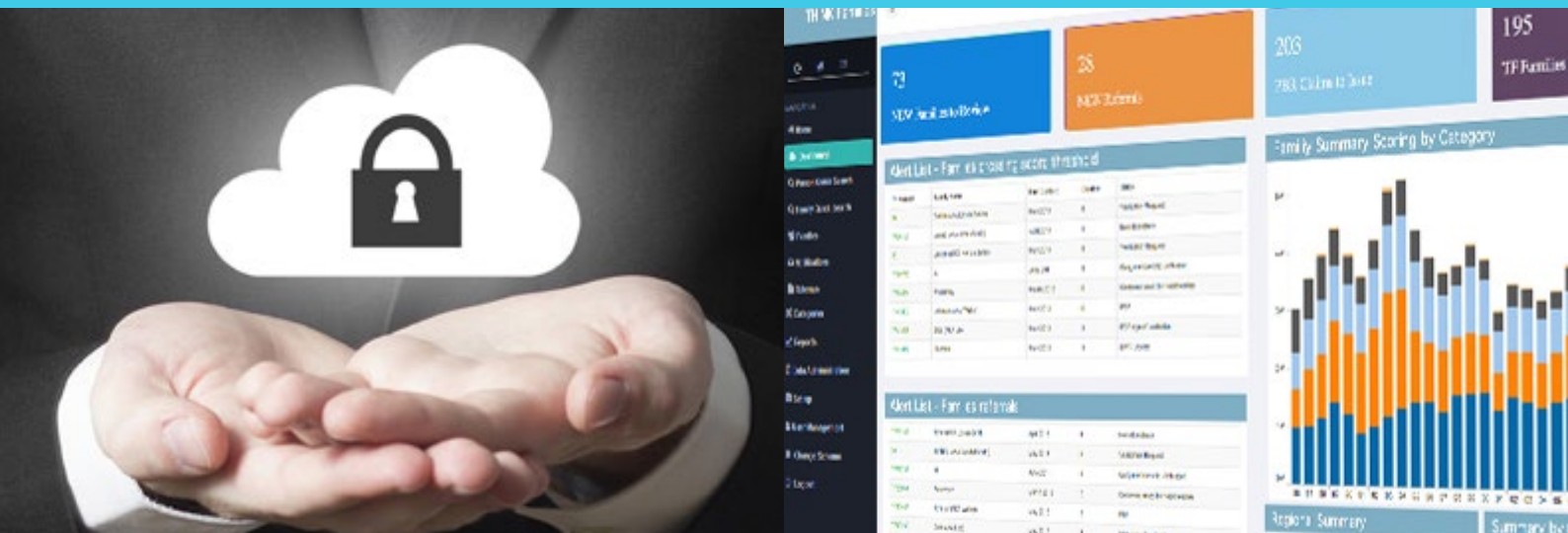# **your world**

sentinel partners ▷

Specialist data integration and consultancy services

Transforming organisations' use of data through software solutions that bring information together and enhance understanding.

Sentinel Partners are data and systems integration specialists serving a wide range of clients in the public and private sectors.

We provide software solutions that can quickly and reliably bring information and understanding together from the various sources of data that an organisation holds.

Among the many benefits are:

▷ Greater data sharing

▷ True collaborative working among teams and partner organisations

▷ Improved decision-making and reduced risk

▷ Increased efficiency and cost savings

▷ Teams working from a single version of the truth

Sentinel's systems work with any type of data but we specialise in the hardest data type of all, which are the records that identify people. We do this even with data that is fragmented and of variable quality. We do this in robust and compliant ways.

Standard features of our systems include:

▷ Data reporting at the click of a button

▷ Real-time data and automated alerts

▷ Full audit trails and comprehensive security

▷ Compatibility with existing systems and technology

If you have problems in making your data work for your organisation, then please talk to us. With our experience and products on board, we can help in more ways than you realise. **We can transform your world.**

www.sentinelpartners.co.uk

Local Authorities

An integrated, Single View of data driving joined-up service delivery

Sentinel's systems provide an enhanced understanding of people and the increasingly diverse communities served by local authorities.

Tackling the common problems faced by local authority teams and their partner agencies, our systems overcome the issues of fragmented, inaccurate data which requires time-consuming manual processing and offers no audit history.

Benefits include enhanced visibility, increased control and greater accuracy.

Key areas of application include work to safeguard children and support families with data from multiple agencies merged to establish a holistic view.

These include:

▷ **Troubled Families**

▷ **Single View of Child/Citizen**

▷ **Multi-Agency Safeguarding Hubs (MASH)**

▷ **Early Years funding and tracking child development**

▷ **Combatting fraud**

Health Services

Improving care through integrated health records

e-Patient Integrated Care Record

Providing a single, holistic view of care, our secure data integration solution is tailored specifically for the NHS and other health service organisations.

Supporting the collaborative management of the care, it works by consolidating everything that is known about a patient into a single secure e-Patient data hub. Information can then be shared with all partners including hospital trusts, GPs and social care teams.

Child Protection Information Sharing (CP-IS)

Sentinel's data technology also helps both health providers and local authorities to meet the requirements of the CP-IS programme.

Providing social services and NHS teams with the more comprehensive and up-to-date picture of vulnerable children, our solution ensures that the most accurate data is shared via CP-IS.

Private Sector

Big data solutions for businesses

From improving understanding of customers to tackling fraud and sharing the very latest product information, Sentinel's data solutions enable businesses to become genuinely data-driven and provide wide-ranging benefits.

Our solutions include:

Single Customer Record

Creating a single source of accurate, up-to-date information which enhances companies' understanding of customer trends and behaviour, enabling them to take the best approaches to managing their customers' needs.

Master Data Management (MDM)

Combining data from multiple sources to form and present an up-to-date and accurate master version of data that can be accessed on a national and international scale. Benefits include greater accuracy, control and data views tailored to meet the needs of every team.

Data Archiving and Retention

Where older data, such as case records or accounting information, needs to be removed from front-line systems, Sentinel's technology can manage the process. Configurable extraction rules allow you to decide exactly when data is moved to the retention database and how long it is stored for.

Data Security, Governance and Compliance

Security of personal data is of paramount importance within all of Sentinel's solutions. Built using a 'data protection by design' approach, our innovative systems safeguard individuals' data while enabling organisations to share data in a controlled and compliant manner. Supporting our clients' compliance to the Data Protection Act, all our solutions provide the following features:

▷ **Strict control and monitoring of data quality and completeness**

▷ **Sophisticated and transparent data-matching functionality**

▷ **Highly-secure system access**

▷ **Users limited to seeing only the data they need to see**

▷ **Full audit trail of data processing decisions and user activities**

Consultancy and project support

Our experienced consultants provide comprehensive support for IT projects and are able to advise or lead on all aspects of a project's data requirements. This includes initial analysis and profiling, data cleansing, as well as the transformation and upload into new systems.

Our data services include:

▷ Support for data migration *(extracting, transforming, loading and reconciling)*

▷ Scrambling of personal data to support testing

▷ Data strategy and management

▷ Data Protection reviews

▷ Managing data cleansing

▷ Bespoke software development

▷ Designing and building new data solutions

Our technology can also be used to carry out:

Data migration - our Data Migration Utility has been designed to support any IT project that requires data to be transferred into a new system. Capable of handling all types of data, our Utility and consultancy approach saves project time, reduces risk, transforms data quality and the success of overall project delivery.

Data scrambling - our Data Scrambling Utility provides a risk-free way for organisations to use real personal data to test new systems or ensure the safe use of data in existing landscapes. Enabling proper testing to be conducted, our software selectively scrambles and moves the contents of every field to create an anonymous but realistic dataset.

About Sentinel's technology

Our solutions are based around our unique Data Hub software which can be installed on any IT system and will integrate with any structured databases and files.

The Hub's key features include:

▷ Compatibility - developed using JAVA technology, the Hub will work on any system.

▷ Easy-to-configure data feeds – with no bespoke development/programming required.

▷ Configurable business rules – that can be easily maintained by clients to customise the validation, profiling and cleansing of incoming records.

▷ Scheduled data feeds – which can be set up to run in real-time or overnight, plus outbound feeds to enable all parts of an organisation to benefit from the latest records.

▷ Matching rules - sophisticated functionality enables clients to set rules to automatically match incoming records into a single, holistic version of the truth.

www.sentinelpartners.co.uk

We can transform **your world**

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