



# TELECOMMUNICATIONS

## DATA COMPLIANCE

### INDUSTRY CHALLENGE

Providing telecommunications services is an expensive proposition with complex equipment, networks, and business structures. Data retention regulations have added even more complexity, requiring businesses to collect, retain, and retrieve millions of call records. Just managing all this data diverts resources from growth initiatives. Fortunately, companies that manage their data well and make it available to the business can turn a potential liability into a clear differentiator.

Regulations such as the U.S. Patriots Act and the E.U. Data Retention Directives typically mandate that wireless and landline communications providers retain detailed call data for years, including:

- SOURCE AND DESTINATION
- DATE, TIME, AND DURATION
- TYPE OF COMMUNICATION
- COMMUNICATION DEVICE
- LOCATION OF MOBILE COMMUNICATION EQUIPMENT

Servicing the flow of requests around this data is expensive. In the UK, government agencies and police make an average of 750,000 requests per month. In the U.S., the number of subpoenas for call data is doubling every month. Finding an efficient and cost-effective way to keep detailed data online and available for security investigations and legal discovery is a business imperative.

### DATAUPIA SOLUTION

By architecting purpose-built software and industry-standard hardware into a highly cost-effective and intelligent appliance, the Dataupia Satori Server allows you to have persistent access to hundreds of terabytes of data and extract requested information at will. Simply stated, the Dataupia Satori Server makes managing data more affordable and using data easier.

Implementing the Dataupia Satori Server brings additional capacity to existing data management infrastructures without changes to database platforms or applications through Dataupia's omniversal transparency. The Dataupia Satori Server makes it possible to process multiple requests against hundreds of terabytes of data to quickly and accurately fulfill investigative inquiries for historical, detailed data.

**“When we designed 112, Focus’ secure portal for Police and Emergency Services, we knew that one of the challenges would be to find a way to consolidate data from many back-end source systems affordably and effectively. By using Dataupia as the underlying infrastructure, providers can respond faster to inquiries; and those seconds matter when a life is in danger.”**

– Ray Green, Managing Director, Focus Group

### FEATURES AND BENEFITS

Dataupia provides persistent access to hundreds of terabytes of data at less than half the cost of other solutions.

The Dataupia™ Satori Server is designed for data-intensive businesses that want:

- CONTINUOUS SCALABILITY
- OMNIVERSAL TRANSPARENCY™
- UNMATCHED AFFORDABILITY
- LOW ENVIRONMENTAL IMPACT
- LIFELONG EASE OF USE

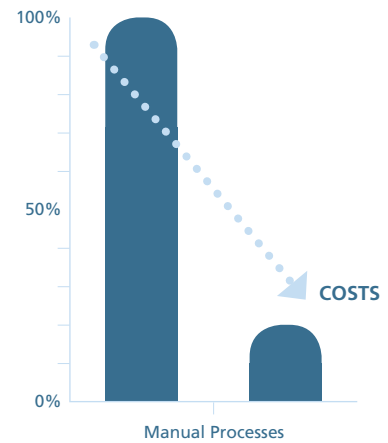
**DATAUPIA™**  
Free your data

## AUTOMATE ACCESS TO INVESTIGATIVE DATA

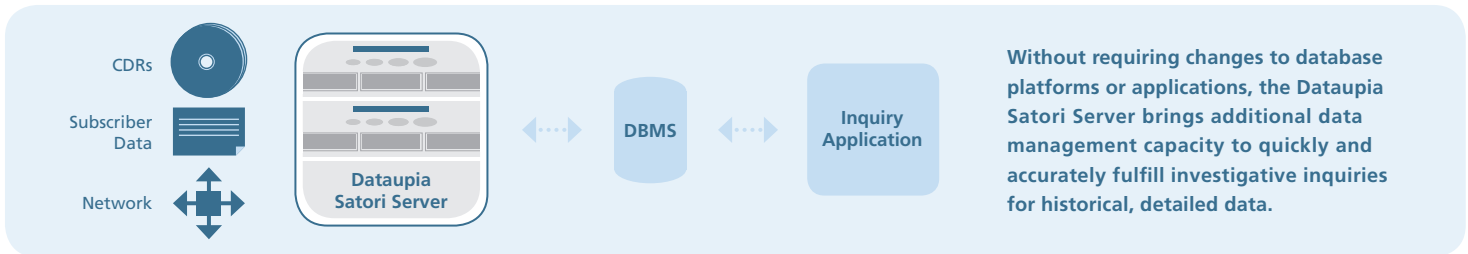
Data retention laws not only mandate that telecommunications companies retain certain data for fixed lengths of time; agencies also expect that data to be readily available for police and security investigations.

Meeting data retention/retrieval regulations involves accessing historical data that is often stored off-line and pulled from a variety of sources. In one instance, one company was able to automate 80-90% of their inquiry process by bringing the Dataupia Satori Server into their request-fulfillment application's infrastructure. Now they can fulfill agency requests in seconds with the level of detail necessary for investigative work. And they can do so at 20% of the cost of building out a typical, tiered-storage solution.

Organizations can quickly and easily deploy the Dataupia Satori Server within existing data management infrastructure, even if it includes a mix of database platforms and legacy systems. They get the added benefits of not having to learn new database technology, being able to conserve prior technology investments, and meeting the data retention challenge.



**Keeping data online reduced manual processes for responding to inquiries by 80%, resulting in faster responses.**



## UNPRECEDENTED ACCESS TO YOUR DATA AT UNMATCHED SAVINGS

Data retention regulations apply external pressures to your data management strategy and increase costs. Data also holds the key to new business and service opportunities, if you can put it to use. Dataupia's value proposition is essentially this: Make it affordable to keep the amount and type of data you need and use that data to its fullest advantage.

*Think about what you could achieve if you had Dataupia to:*

- ENABLE PERSISTENT ACCESS TO HUNDREDS OF TERABYTES OF DATA AT LESS THAN HALF THE COST OF OTHER SOLUTIONS.
- SECURELY COLLECT, STORE, AND QUERY MASSIVE AMOUNTS OF DATA COST-EFFECTIVELY.
- AUGMENT CURRENT TECHNOLOGY INVESTMENTS TO DELIVER MORE DATA TO MORE PEOPLE.
- MAKE DATA FROM LEGACY AND MAINFRAME SYSTEMS MORE ACCESSIBLE TO BUSINESS USERS.
- INCREASE THE DATA CAPACITY OF BUSINESS SYSTEMS THROUGH A LOW-RISK, LOW-COST SOLUTION.

## ABOUT DATAUPIA

Dataupia, founded in 2005, brings a strong record of industry leadership to addressing the growing gap between the massive volumes of stored data and the portion that a business can use to its benefit. By architecting specialized software and industry-standard hardware into a highly cost-effective and intelligent appliance, Dataupia's solution will amplify an organization's existing information systems to provide deeper access into their data universe and more comprehensive business insight. *Learn more at [www.dataupia.com](http://www.dataupia.com).*