

DATA SHEET

DELPHIX COMPLIANCE ENGINE

Streamline Compliance Reporting while Improving Security and Governance

Economic failures, as well as increased digitization of information and the consequential rise in fraud and data breaches have led to a wave of regulatory reform over the last decade. Existing regulations like PCI, HIPAA, GLBA, FISMA, Sarbanes-Oxley etc. have been updated to increase penalties and enforcement. At the same time, new sector-specific mandates such as C-CAR, Dodd-Frank, and BASEL III are imposing significant compliance workloads on financial institutions. The rising burden of meeting regulatory requirements is global in scope and spans all industries. Moreover, the trend towards increased oversight shows no sign of waning. In the 2014 Cost of Compliance global survey conducted by Thompson Reuters, 75% of respondents expected the volume and velocity of regulatory reform to increase further.

To address this expanding matrix of regulations, regulators, and audit requirements, organizations are deploying growing armies of IT and compliance teams. Despite this human capital investment, organizations continue to be crippled by infrastructure and data related challenges. The rising cost of compliance provides an impetus for organizations to reduce systemic costs by modernizing applications, optimizing staffing models, and adopting more elastic and cost-efficient cloud technologies. However, compliance requirements also pose significant barriers to executing these initiatives. The inability to demonstrate how security, governance, and reporting capabilities would be preserved in emerging IT architectures leaves organizations at an impasse. The Delphix Compliance Engine accelerates the path to new IT architectures and staffing models by eliminating key compliance-related objections around security, governance, and reporting.

KEY DELPHIX BENEFITS

REDUCE SECURITY RISK

Mask data centrally and easily distribute secure copies on-premise, offshore, into public/hybrid clouds in minutes

IMPROVE GOVERNANCE

Preserve application states at a fraction of current costs while ensuring on-demand recoverability for compliance

STREAMLINE REPORTING

Deliver synchronized virtual data sets from any point in time to offload sources and accelerate delivery of reports

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SECURITY

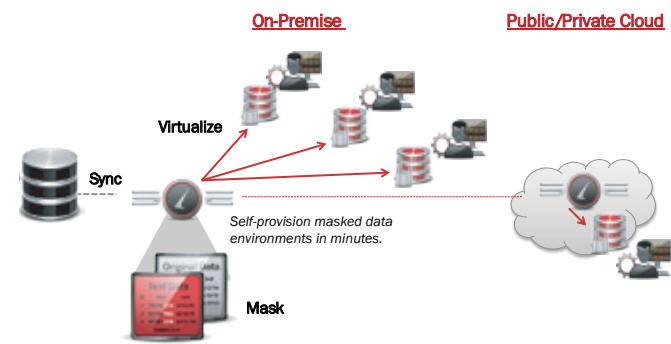
Numerous privacy regulations have been enacted to protect sensitive consumer data such as health, educational, and financial records. As a result, extensive measures are taken to protect transactional or production systems that process sensitive information. However, for every unit of sensitive data in a production database, several copies are created for development and testing. Data masking solutions have emerged as a common means to protect sensitive data in these derived environments. However, distributing masked data to a new copy or updating an existing masked copy is operationally exorbitantly expensive. This alone has forced many organizations to compromise and use artificially generated data in development and testing, which in turn erodes application quality. Similarly, the complexity of distributing masked data has prevented organizations from outsourcing/offshoring application development and also from moving application development environments into public/hybrid clouds.

The Delphix Compliance Engine is the only product that delivers both generation and distribution of masked data. Delphix combines patented data masking techniques with market-leading virtual data delivery capabilities to enable the next generation of data security. With

Delphix, application teams get full, fresh, and secure data sets in minutes. These virtual database copies can be refreshed in minutes, bookmarked and rolled back to previous points in time, and branched and mapped to specific code builds, all via self service and with 90% less infrastructure. Moreover, the simplicity of masked data distribution with Delphix eliminates security-related objections to moving application development offshore or into private/public cloud systems.

GOVERNANCE

Storage costs and recoverability challenges leave most organizations struggling to meet even short-term internal data retention SLAs. The lengthy multi-year retention periods imposed by most compliance mandates are far more expensive and daunting. Retention costs and complexity also block application retirement and rationalization efforts. Even though newer applications may have stronger built-in governance and auditability, legal and compliance teams push back when IT teams can't demonstrate that retired application data will be easily accessible for future audits. As a result, the full cost of legacy applications is sustained for extended durations and the return on modernization initiatives is not realized.



DEPLOYMENT & SUPPORT

- The Delphix Compliance Engine installs as a virtual appliance on standard x86 servers, using VMware
- Supported databases: Oracle v9 through 12, Microsoft SQL Server, PostgreSQL, and Sybase ASE 15
- Cloud deployments: Amazon AWS, SunGard, VMware Hybrid Cloud, 200+ vCloud providers, IBM SoftLayer Cloud

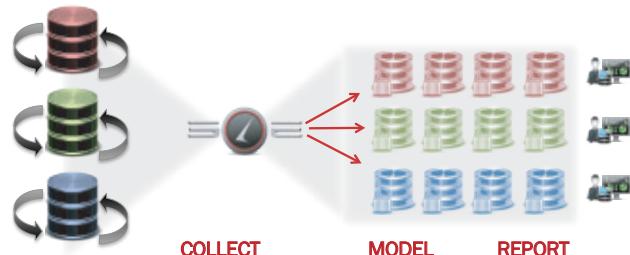
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The Live Archive feature of the Delphix Compliance Engine enables full application states to be easily bookmarked and retained for extended durations using only a fraction of the storage footprint of normal retention mechanisms. At the same time, Delphix ensures that the entire application state (application binaries, files, database) can be restored on-demand and in minutes. As a result, compliance-related barriers to application retirement are eliminated and modernization projects move much faster. The Delphix Compliance Engine also enables a strong governance model by ensuring that retention policy definition and control can be limited to selected users.

REPORTING

Regulations introduce reporting requirements to facilitate audits and validate compliance. Delivering on reporting generally involves a 3-phase lifecycle spanning data collection, modeling, and reporting. The collection phase is often bottlenecked by source data availability and access. New and evolving mandates lead to stacked reporting workloads, which only exacerbate the problem. The modeling and reporting phases pose both infrastructure and operational challenges. Several copies of source systems are required to parallelize compliance reporting work streams. Across regulations, the sheer cost of creating, updating, and maintaining these copies is staggering. Moreover, frequent refreshes of data in reporting systems tax the data source, the network, and the reporting environments themselves.

The Delphix Compliance Engine continuously and non-disruptively synchronizes data from any source (DB, application, file system). By only requesting changed-data, Delphix eliminates the growing load of full backups on source systems. Delphix then synthesizes change data and allows virtual copies to be provisioned from any point in time, and in minutes. Offloading all 3 phases of compliance reporting to space-efficient Delphix virtual copies dramatically reduces the cost of compliance while accelerating report delivery. Delphix virtual application environments also improve project pace and cut costs when applications have to go through re-development cycles to support new reporting requirements.



PRODUCTION-PROVEN

Delphix is in use at over 100 of the Fortune 500, including several of the largest regulated organizations in finance, healthcare, retail and the public sector.

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