



TACKLE DATA WAREHOUSE GOVERNANCE CHALLENGES WITH ALTR

ALTR's smart database drivers act as thin data brokers to ensure that data analysts are protected but not impacted.

Big data warehouses are designed to unleash the accumulated insights present in a company's operational data by consolidating it in one place that is highly accessible to analysts across the enterprise. This combination of consolidation and accessibility can create a governance and compliance nightmare in terms of privacy and security.

Many DBMS providers supply native options for monitoring, governing and protecting data at rest - but these tools are often extremely complex to implement and maintain, and are not flexible across datastores or connection types.

ALTR embeds intelligence into the database driver that each application uses to connect to the database, creating tamperproof visibility into access, real-time invention to inappropriate data access, and unmatched protection to sensitive data at rest.

TAMPERPROOF LOGGING OF ALL ACTIVITY

The ALTR Smart Database Driver uses its position in the critical path of data to log all data requests and result sets into a tamperproof blockchain-based data store called ALTRchain. All policy and administrative actions and compliance-related processing activities are also asynchronously logged, becoming part of a permanent audit trail.

REAL-TIME PERMISSIONING, AND NO SIDE DOORS

Policy about who can access what, how much, and how fast is implemented in a real-time, zero-trust transactional methodology. The Driver can mask, slow down, or block inappropriate data access immediately at the query level. For further protection, data itself can be tokenized and scattered into ALTRchain storage, meaning the only way to access it is through an ALTR driver. Direct access to the database yields no value to a bad actor.

EASE OF INTEGRATION

ALTR is a cloud-base service that installs directly into on-prem and/or cloud stacks using Smart Database Drivers, which take minutes to install and don't require changes to existing applications, databases, or servers.



WORKS FOR ON-PREM WAREHOUSES, IN THE CLOUD, OR BOTH

ALTR'S Smart Database Drivers sit with the application wherever it is deployed, even on an analyst's laptop. This offers the flexibility for deployment and access scenarios that data teams need.

NO LATENCY OR DATABASE SERVER LOAD

Many native tools introduce performance concerns on the database server side. Smart Database Drivers are integrated directly into application stack and log without impairing any data access activity, do not rely on the native logging of DBMS's, and put no load on the database server.

ALTR IS IDEAL FOR CREATING DIGITAL TRUST AROUND YOUR ENTERPRISE DATA WAREHOUSE BY PROVIDING TRANSFORMATIONAL MONITORING, GOVERNANCE, AND PROTECTION WHILE MINIMIZING THE IMPACT TO EXISTING INFRASTRUCTURE AND DATA TEAMS.



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ABOUT ALTR

ALTR's mission is to restore digital trust by transforming the way that data is monitored, accessed, and securely stored.