

TimeScape™ EDM+

The foundation for your decisions.

CUSTOMER BENEFITS

TimeScape EDM+ services a full range of enterprise data management requirements – from C-level executives taking strategic decisions, through to traders, heads of finance and risk management on the front line. The platform enables your enterprise to stay one step ahead of ongoing regulatory obligations, new business-driven requirements and the evolution of technology.

Agile

Trading and investment companies need to be agile. They need to respond to ever-changing market conditions, structural shifts, technology trends and regulatory demands. TimeScape EDM+ empowers the agile business. It flexes to address new requirements – whether that means new instruments, analytics, structured products, workflows or data sources. And it is simple to deploy, plugging into your existing architecture and evolving to meet your requirements.

User-Friendly

TimeScape EDM+ serves the whole enterprise. It doesn't matter if you're a board-level executive, finance or risk manager - you get straightforward access to consistent, validated, cleansed data via your choice of interface. Most importantly, TimeScape EDM+ is simple to use and can be configured by business users without any prior programming expertise.

Collaborative

As a centralised platform that everyone can access, TimeScape EDM+ provides your Enterprise with a single version of the truth. It breaks through siloed delivery of IT and data, and supports true enterprise-wide workflows. Even if different teams decide to price the same instrument using slightly different models or data inputs, knowing those differences and having clear insights into data lineage means they can quickly reconcile any discrepancy.

Comprehensive

TimeScape EDM+ covers all asset classes. It supports a complete range of vendor feeds. It integrates with different business intelligence tools, pricing and risk engines, programming languages and applications. It supports complex objects, data types and analytics. And it supports complex workflows - with adaptive validation rules and exception handling processes that can be prioritized based on factors most important to your business.

Efficient

TimeScape EDM+ drives more efficient processes by enhancing data quality, consistency and governance across any enterprise. The platform is incredibly versatile and can easily be configured to address a full range of business, regulatory and IT challenges - delivering rapid return on investment across multiple use cases.

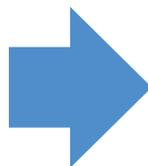
Future-Proof

Xenomorph has architected TimeScape EDM+ to be future proof. First and foremost, the platform provides a flexible framework that can easily adapt to new requirements, whatever the future holds. In addition, Xenomorph maintains backwards compatibility for our APIs to ensure a smooth migration path for future upgrades. Our vision of future proofing means preparing you for change, while ensuring you are not forced into change when it is not necessary.

BUSINESS DRIVERS

Automation

Firms across the capital markets industry need to do more with less. Banks have faced a decade of dwindling headcount; asset managers have been squeezed by low-cost passive investment vehicles; and retail brokers now face mounting threats from innovative robo-advisors.

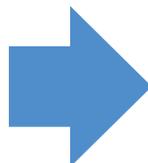


TimeScope EDM+ Features

- Easily configurable validation rules for each and every instrument
- Adaptive rules hone in on true outliers / minimize false positives
- Severity ranking prioritises exception handling process

Innovation

If there has been one constant in the history of capital markets, it is change. Markets have continued to innovate and evolve with new products; new business models and operating practices; new analytics and pricing models. To thrive in that kind of environment requires agile technology.

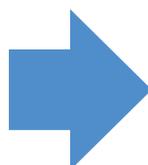


TimeScope EDM+ Features

- *Extensible* data model accommodates even the most complex structure
- Handlers to source data from all leading vendors for easy on-boarding
- Full range of APIs for downstream integration

Insight

With technology continuing to change the competitive landscape, firms need ever greater insights into their respective disciplines to thrive. That means integrating new data sets; deriving new analytics; ensuring higher levels of data quality and visualising the results. All of that can only be achieved through better data management.



TimeScope EDM+ Features

- Out-of-the-box integration with PowerBI and Tableau for powerful visualisations
- Full integration with Excel to bring spreadsheets into EDM processes
- Built-in analytics (spreadsheet inside); adapters to Numerix, Matlab, Fincad

REGULATORY CHALLENGES

Capital allocation (FRTB)

FRTB changes the competitive landscape. Banks will be faced with tough decisions. Continuing to use internal models to calculate capital requirements may result in lower charges, but comes with a greater operational burden (particularly when it comes to data management). Having effective data management systems in place to deal with those challenges will be a crucial competitive differentiator.



TimeScope EDM+ Features

- Identify data gaps to prevent risk factors becoming non-modellable
- Integrate full range of data sources for back-testing & P&L attribution
- Calculate sensitivities based approach and benchmark with IMA

Asset Impairment (IFRS 9)

Mandatory adoption of IFRS 9 begins in 2018. Firms required to comply will see financial statements become significantly more sensitive to credit quality. In some cases, they will have to write down assets to reflect lifetime expected credit losses. Credit risk models will need close scrutiny. Validating data inputs, as well as model outputs, will be key.



TimeScope EDM+ Features

- Customisable rules to validate accuracy of credit risk model inputs and outputs
- Data model can easily be extended to accommodate new asset classifications
- Hedging criteria validation, record retention, tracking hedge accuracy

TECHNOLOGY TRENDS

Cloud

Cloud computing is not the future of IT delivery; it is here and now. An increasing number of firms are adopting cloud-first delivery models for new IT services. In that kind of environment, software vendors that have not embraced cloud delivery models will quickly fall by the wayside.



TimeScale EDM+ Features

- TimeScale EDM+ on Azure / Azure stack
- TimeScale MarkePlace on Azure for data and analytics as-a-service
- Microsoft Gold partner

Big data (NoSQL)

Big data technologies were built for scale rather than structure. Their relevance to financial data seemed less evident, but as financial firms look to incorporate and mine new un-structured datasets, the ability to interrogate sources across multiple database structures has become key.



TimeScale EDM+ Features

- Out-of-the-box adapter for MarkLogic
- Out-of-the-box adapter for MongoDB
- Data Unification Layer allows for interrogation across multiple database models

Data Proliferation

Data is a strategic asset, but it has often proliferated organically. Firms are now increasingly looking to manage their data assets strategically. They are looking to break down barriers between siloed infrastructures, add new sources, improve governance and keep tighter track of lineage. To do all that they need the right tools.



TimeScale EDM+ Features

- Easy to on-board, normalise and consolidate any data source
- Governance structure with 4-eyes validation model and IPV
- Complete audit trails and data lineage tracking

Transaction Reporting and Transparency (MiFID II)

Stricter reporting requirements, central clearing and e-trading obligations for OTCs and more stringent market data dissemination - all have prompted data management challenges. Ensuring the accuracy of transaction reports, integrating more data and facilitating post-trade processing – require better EDM systems and processes.



TimeScale EDM+ Features

- Consolidate and normalise data from any source
- Support MiFIR transaction reporting fields and data structure
- Flexible framework to integrate / validate / reconcile data for transaction reports

Risk Data Aggregation (BCBS 239)

BCBS 239 brought enterprise data management under the spotlight. Strict requirements to aggregate and analyse risk data from across geographic and business boundaries has driven a requirement for data management solutions that can traverse previously siloed IT and data architectures. While not every firm is forced to comply with BCBS 239, it has certainly raised the bar and highlighted best practices when it comes to data aggregation.



TimeScale EDM+ Features

- Aggregate and normalise risk data from across the enterprise
- Validation ensures accuracy and integrity of risk data and reports
- Integration with PowerBI and Tableau for MIS dashboards

Xenomorph provides trusted data management solutions to many of the world's leading financial institutions.

The company has more than two decades' experience managing large volumes of complex data and analytics. Over that time, we have consistently reinvested in our technology, culminating in our latest generation enterprise data management platform TimeScope EDM+.

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