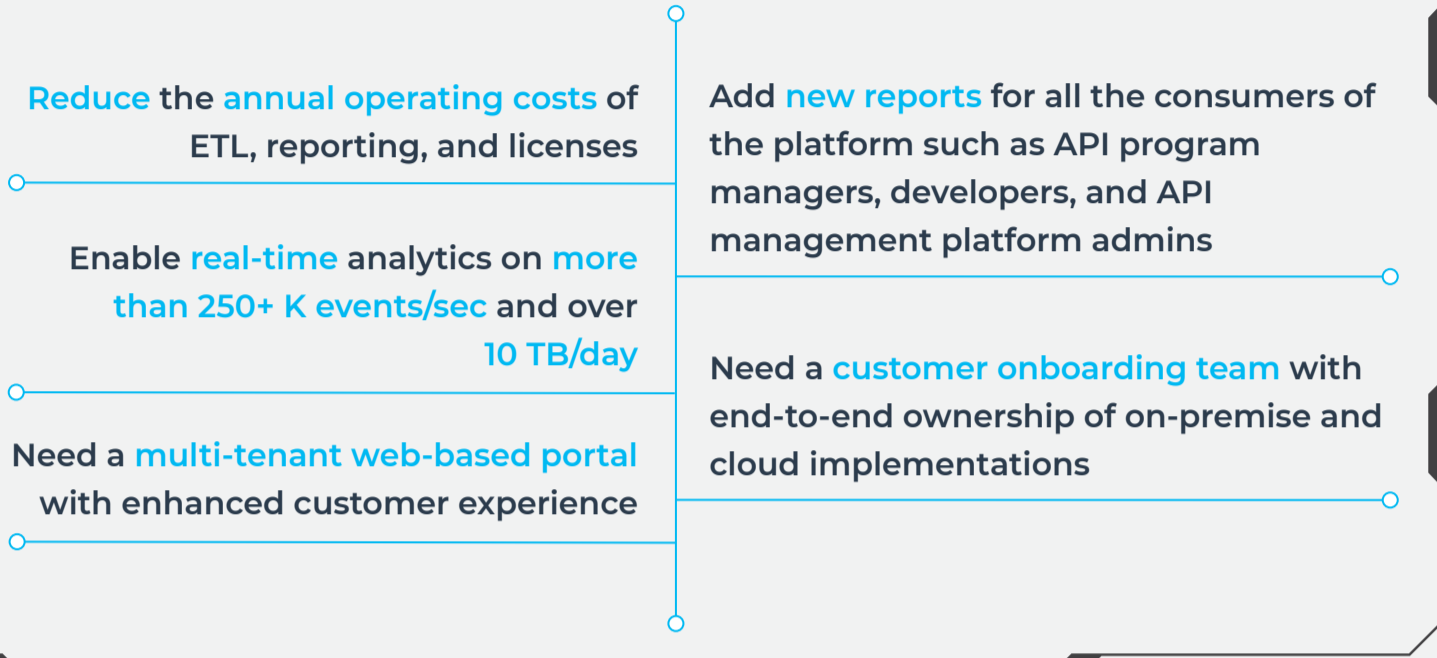# CYBAGE

Cybage developed a **highly scalable reporting and analytics platform** for a leading API Management platform that resulted in **30% operational cost savings** and enhanced capability to handle **25X growth**

ABOUT THE CLIENT

One of the leading cloud-native **API management platforms** that you can deploy anywhere, and manage APIs from everywhere to empower **digital business** for innovation and agility, new business models, and enterprise-scale security to protect assets

BUSINESS NEEDS

Reduce the **annual operating costs** of ETL, reporting, and licenses

Enable **real-time** analytics on **more than 250+ K events/sec** and over **10 TB/day**

Need a **multi-tenant web-based portal** with enhanced customer experience

Add **new reports** for all the consumers of the platform such as API program managers, developers, and API management platform admins

Need a **customer onboarding team** with end-to-end ownership of on-premise and cloud implementations

SOLUTIONS

Powered by **PIE PROCESS INTEGRATED ENGINEERING**

Architected and developed a highly scalable, multi-class workload supported data processing and analytical big data platform

Used test automation and integration to Continuous Integration (CI) for faster releases

Architected and developed new reports to bring insights for the API Program Manager

Conducted customer-specific customizations of the platform by utilizing a design thinking approach for a better outcome

BUSINESS IMPACT

Reporting and analytics platform resulted in **30%** operational cost savings and enhanced capability to handle **25X** growth

Introduced automation and **15000+** tests resulted in no rollbacks for years

Built **200+** custom adapters and did **50+** SSO integrations and **250+** portal skinning that brought about monumental changes

Operational efficiency and improved MTTX with the help of next-gen tooling resulted in **better CX**

TECHNOLOGY STACK

aws · Apache Spark · Apache Kafka · cassandra · hadoop

Java · php · python · Scala · TestNG · D3

behat · Google Charts · graphite · Grafana · Nagios

Cybage Hi-Tech

Automotive Retail · Customer Experience & Market Research · Digital Security · Enterprise Workflow Solutions & Rules Engine · Software Tools & Platforms · Social & Collaboration Platforms · Human Resource Management Systems

Engineering innovative, intelligent, and data-driven applications that drive organization success

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