Product sheet

Ascend Ops™

Accelerating your custom feature and model deployment lifecycle

Most financial institutions are investing in advanced analytics, including machine-learned (ML) models, as a strategy to gain competitive advantage and manage risk for regulated use cases. According to Markets and Markets, the MLOps market projected to grow 41% CAGR 22-27 to reach $5.9b[1]. As models become increasingly sophisticated and are applied to more business processes across the customer lifecycle, financial institutions encounter process and governance challenges, rising costs, and longer deployment times. Because of this, financial institutions must rely on IT resources to overcome limitations in their production environments and support model deployment. They need a better way to manage and deploy models without having to make significant investments in infrastructure.

Ascend Ops™ transforms the deployment lifecycle for your custom features and models by automating monitoring and management processes and allowing you to deploy them directly to production.

Code once, reuse anywhere.

Fast – easily register your custom features and models and migrate to production instantly.

Flexible – simply deploy models written in a range of open-source languages or on common model development platforms that include data from a wide variety of industry leading data sources.

Efficient – reduce complexity and IT dependency using Experian's hosting and run-time services.

[1]Markets and Markets. MLOps Market Size, Share and Global Market Forecast to 2027

Promote features and models to production in days instead of months

Experian's innovative containerisation engine makes it easy to instantly deploy models written in a range of multiple languages to production environments, which eliminates recoding, speeds testing, and reduces risk. An integrated UAT environment lets financial institutions upload a custom test data population or expand UAT testing to include up to 100% of Experian's consumer credit profiles.

Code once and reuse across the customer lifecycle

Once in production, advanced run-time services source data, calculate features, score models, and deliver results how and where financial institutions want to use them in real-time processes:

- Added to a credit profile
- Appended to an account review file
- Integrated into a decision engine or other deployment application

Multiple scoring

Ascend Ops™ will enable you to receive multiple scores through a single call and apply scores in a 'champion vs. challenger' methodology.

It will primarily be useful if you have concerns with the performance or stability of the new model and will enable transition, simpler and faster.

You can also choose to apply different scores to different sub populations within a portfolio.

Ascend Ops™ unlocks data to power your models

- Your proprietary data
- Experian's industry leading credit data
- Third-party data (including from other credit reporting agencies)

We're here to help

Experian offers full managed services, either one-time or ongoing, for model deployment, validation, management, and monitoring for financial institutions looking to rely on Experian expertise to support the model lifecycle.

Experian Ascend Platform

Ascend Ops is part of Experian's Ascend Platform, a one-stop-shop for integrated solutions that unlock data and power advanced analytics across the customer lifecycle.

Ascend Ops is designed to be flexible and integrate easily into your existing technology stack no matter how you develop models, what data you use, or which deployment applications you have in place today. It also works together seamlessly with other Experian solutions including Ascend Analytical Sandbox™ and PowerCurve.

For more information about Experian Ascend Platform including Ascend Ops™, contact your Experian sales representative or visit us at www.experian.co.uk/ascend.

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