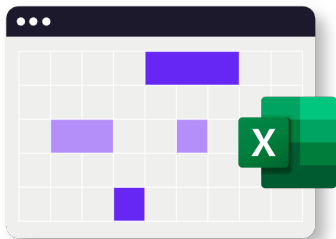# Redefine the relationship between business and IT
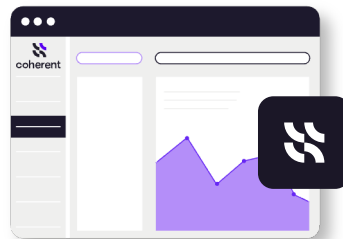
01
Build Model in Excel

02
Compile business logic, convert to code, and expose as an API

03
Consume anywhere; applications, web or core systems

Actuaries and business users accelerate speed to market by…

- Directly creating and updating rating models, underwriting logic, and more in real time.
- Clearly understanding the downstream impact of model changes, at a granular level.
- Running disruption and impact analyses of models at scale in the cloud.

Information Technologists can shorten the development cycle by…

- Enabling an agile microservices architecture by externalizing calculations from systems of record.
- Using existing CICD toolsets to drive automation across the development lifecycle.
- Increasing IT capacity to deliver more product with fewer resources.

Reduce Development Cost

$740,000

saved on a single product deployment

Improve Runtime Performance

75x

faster rating engine execution time than a modern rating platform

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Turbocharge Speed to Market

from 6 months to 30 days

faster time to market

Property & Casualty value chain

VALUE CHAIN	USE CASES	BENEFITS
New Product Development	• Create and deploy new rating algorithms • Develop and deploy new underwriting rules • Integrate with multiple systems	**Spur product innovation & Accelerate speed to market** • Get to your first dollar of premium faster • Separate concerns between Actuarial and IT functions • Allow all systems to use the same model without duplicating implementation effort
Product Updates	• Apply the extension of exposure technique ton on-level / bring premiums from historical policies to current rate levels • Calculate the impact on your in-force book of business for rate changes • Compare rating & rule model versions • Test model changes	**Effortlessly manage your products** • Feed an accurate view of on-level premium into your ratemaking process • Quickly try different rate changes and understand the impact to your book of business • Reduce production rating mistakes
Claims	• Calculate individual claims reserves • Automate rules for claims assignments and approvals • Complete borderaux reporting	**Reduce operational costs** • Ensure consistent reserves setup • Reduce tedious manual work • Get third-party data quicker and easier
Policy Administration	• Externalize calculations from admin system and from frontend / workbench • Build custom commission calculations • Manage unique calculations	**Reduce operational costs** • Shrink policy admin footprint • Reduce your need for specialized system knowledge • Decrease conversion errors • Increase velocity of change and processing
Regulatory	• Capture every calculation ever done • Record every version of every model	**Ensure regulatory compliance** • Prove the right version was used for the right calculation • Understand how the calculation is done
Finance	• Generate financial reports • Test and simulate financial scenarios	**Maximize finance resources** • Accelerate closing of financial statements • Run simulations at scale with varying economic and market conditions