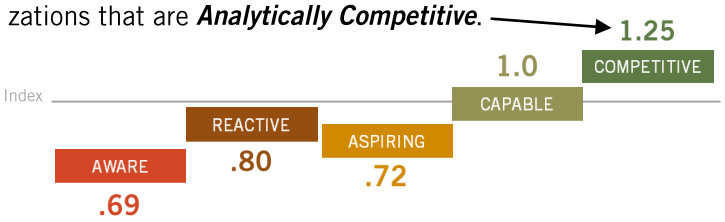
CORIOS LEGATO

Migrate your analytics to innovative platforms and optimize business value

Analytics are **always-on, high-performance business assets** that today's organizations are creating in SAS, R, Python and numerous other technologies. With the increase in data volumes, the proliferation of platform options, and the democratization of the data science process, the need to demonstrate business impact while orchestrating all elements of this enterprise platform has never been more important.

Moving major analytic workloads to innovative platforms such as private and public clouds, compute grids, Hadoop, data appliances, analytics containers and workbenches, is a complex task. Having a strategy to leverage technical and cost advantages is the first step for utilizing this dynamic new environment. This initial migration highlights myriad of options around which applications to move first, how to design the analytic infrastructure, and how to optimize processes to leverage the new platform.

Beyond the cost efficiencies and new tooling, Corios believes the key to business value creation is to leverage the scale and capacity of the cloud to solve **new categories of problems**. These challenges, previously thought too expensive or time-consuming to attack, include **portfolio optimization** at the customer level; simulation and optimization of every driver of growth, volatility, and profitability; and the **democratization of data science** so more business people can explore and model the environments where they compete. These are becoming table stakes for organizations that are ***Analytically Competitive***.



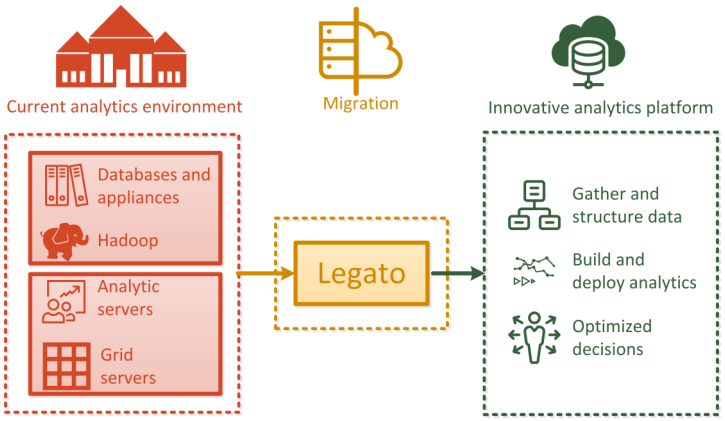
Avg 5-year share price growth (2011-2015) by Analytic Maturity Stage
Source: 75 Corios clients

THE CHALLENGE

Innovative analytics computing platforms and design options range far and wide, including open source software, analytics containers, grids, distributed data storage, private virtual clouds, and application API's.

What's the **right approach** for your organization? How do you select the best option among many choices for your organization? What criteria should be used when creating a **roadmap** to deliver measurable business value over the next 12-18 months?

Many of Corios' clients begin their journey by using traditional analytics engines to make data-driven business decisions. They seek migration benefits like **scale, speed, agility and power**, while also seeking to manage these processes for consistency and compliance. These clients want the optimal approach for **migrating these decision assets** to innovative platforms, and each client has their own start and end point. The advantage Corios brings is that **our experience spans all the technical options, while being focused on business value** that analytics strategies deliver.



Corios Legato approach for analytics platform migration

The bottom line; organizations must create **business value** via data-driven analytics strategies, while protecting the processes and data assets enabling those decisions.

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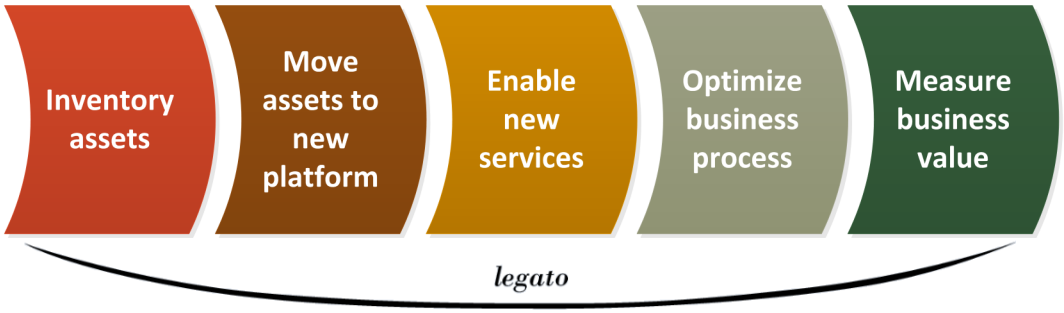
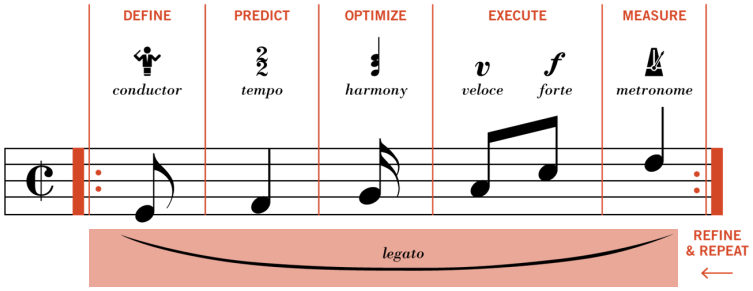
The **Corios Legato Methodology** was developed to increase an organization's analytic decision making capacity. This is accomplished incrementally by setting clear and measurable objectives, modernizing the data and analytics platform with contemporary cloud capabilities, and updating processes and decision strategies to leverage new insights.



Corios Solutions



Corios Legato Case Studies

P&C Insurance claim scoring
Migrated to web services platform
Cycle time reduced 600%

Auto manufacturer warranty calculations
Moved to a private cloud
3X throughput improvement
25% reduction in payouts

Loan portfolio optimization
In-memory analytics optimization
Improved Return on Assets by +5%

Deliverables

- **Strategy, design, plan:** Corios will develop an analytic roadmap, select use cases and business value to be optimized, and work backwards to prioritize the data assets and analytics processes to be migrated.
- **Migrate assets:** Corios will configure the new analytics infrastructure and environment (on-premise, AWS, Azure, or private cloud) with new technology components. Then we'll migrate your data resources, analytics processes, and security controls to that platform.
- **Optimize processes:** Leveraging the new platforms' capabilities, Corios will modernize all of the components used to turn data into insights. This could include distributing databases, moving analytics to grid, container, in-memory or streaming strategies, spreading work across the available services architecture, or a blend of all of the above.
- **Implement use cases:** Corios will migrate/solve one or more critical business use cases using the optimized cloud platform. Specific focus will be given to increasing speed to value, granularity and accessibility of the analytics.
- **Measure value:** Corios measures the organizational impact by focusing on increased income, reduced risk, optimized performance, and faster cycle times.

Get started on your own analytics migration and optimization engagement with Corios, by contacting a Corios Client Strategist at 503-295-1685.