SECURE DATA LAKE DEPLOYMENT

Integrated production-ready data lake deployed securely in as little as two weeks

As companies attempt to implement a big data strategy, they face limited options for setting up a data lake. One option is to leverage a hosted data lake as a service. These services come at a high cost with little flexibility for customization. Additionally, the company is locked in with one vendor and data migration is often a challenge.

On the other end of the spectrum, companies attempt to build out their own data lake infrastructure, either on premise or in the cloud. Usually this starts as a prototype built by an internal team. As the project gains interest, it becomes unmanageable to scale the data lake to an enterprise grade. Auditing and compliance requirements are also not met.

When designing a production grade data lake, design considerations such as node sizing and security can have a tremendous impact on cost and performance. You need the right expertise to address these issues and swiftly get to value extraction without arduous trials and errors.

Optiv helps you avoid these major pitfalls and stand up your data lake securely, saving time and cost in the process. We have the experience and expertise to securely deploy your data lake based on your requirements in as little as two weeks.

Design and scope a system based on customer needs and abilities

How Do We Do It?

SECURITY:
Establish user accounts with role based access control and/or integrate with existing LDAP/Active Directory systems. Custom security requirements or integrations can be requested.

DATA SOURCE INTEGRATION:
Prepare and integrate data sources which include well known formats with published standards. For complex or proprietary data formats, we can provide custom integration services.

DASHBOARD:
Customized visualization based on the data types and client requirements. This will allow you to quickly understand and analyze your data to make evidence-based decisions. Upon request, we can create additional dashboards and alerts for your custom needs.

SUPPORT:
Includes one month of end to end support after customer acceptance. This support can be extended on a monthly or annual basis.

DATA INGEST

SEARCH

DATA STORAGE AND RETRIEVAL

ALERTS AND MONITORING

SECURITY ANALYTICS / DATA SCIENCE CAPABILITY

BUILD OUT A SECURE BIG DATA SOLUTION INCLUDING:

VISUALIZATION AND DASHBOARDING CAPABILITY

Benefits of Working with Optiv

Accelerated Time to Value
Quick setup and deployment of a secure data lake enabling your data scientists and operations teams to focus on their core responsibilities.

Security First
Security is baked in from the design phase through visualization and alert monitoring so performance and cost are optimized.

Ease of Scale
Production grade deployment provides you with the ability to grow and scale data, users and use cases without redesign.

Single Source of Truth
A common data lake that integrates different data sources creates synergies across departments and yields analysis and results that were previously unattainable.

Increased Utilization
Because performance and availability issues are resolved, adoption and utilization will increase across your company, creating a fully effective data lake.

OPTIV

- Accelerated Time to Value
- Security First
- Ease of Scale
- Single Source of Truth
- Increased Utilization
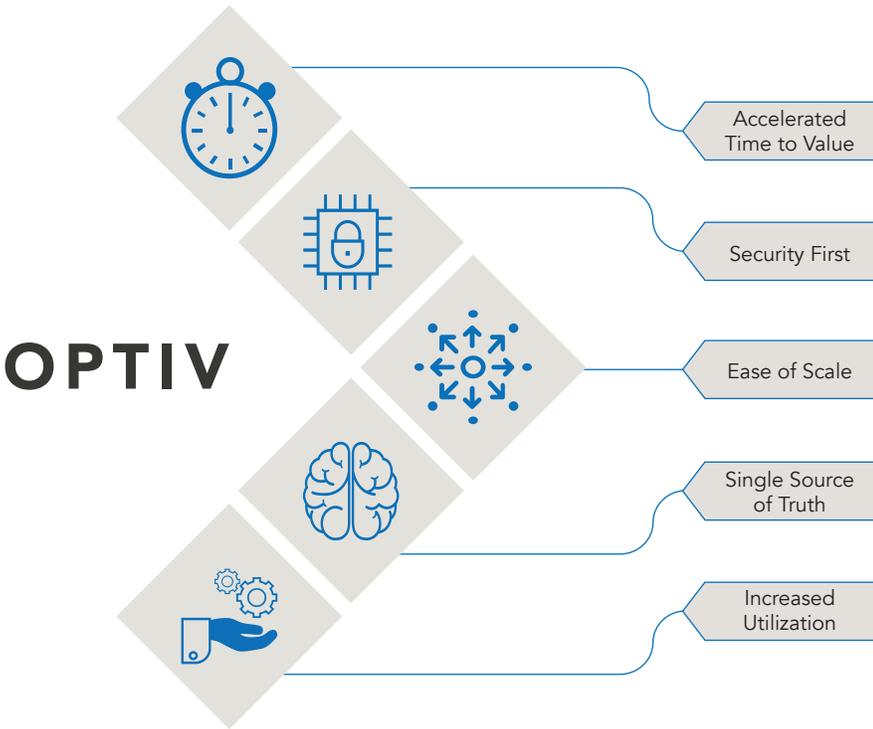
The Optiv Advantage

Optiv can help businesses in every industry connect information security policies, procedures and practices with business goals. Our security leadership experts, backed by our team of consultants, can provide the experience you need to take your program to the next level.

Expert Minds

Optiv's security professionals are dedicated to helping you achieve results and realize value. Our team of 1,000+ highly skilled client managers and security practitioners work hard to deliver superior results and cutting-edge research to solve your complex, real-world security problems.

Leading Best Practices

Our knowledge of leading best practices helps Optiv formulate security recommendations tailored to meet your specific business objectives.

Client-First Culture

Optiv's passion for security and our commitment to quality results means we focus on the right solutions to meet your specific needs.

Proven Methodologies

Optiv has developed proven methodologies to help ensure superior outcomes for your projects and programs.

OPTIV

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Optiv is a market-leading provider of end-to-end cyber security solutions. We help clients plan, build and run successful cyber security programs that achieve business objectives through our depth and breadth of cyber security offerings, extensive capabilities and proven expertise in cyber security strategy, managed security services, incident response, risk and compliance, security consulting, training and support, integration and architecture services, and security technology. Optiv maintains premium partnerships with more than 350 of the leading security technology manufacturers. For more information, visit www.optiv.com or follow us at www.twitter.com/optiv, www.facebook.com/optivinc and www.linkedin. com/company/optiv-inc.