



EYP MCF Cloud Adoption Analysis

RELATED SERVICES

Data Center Strategy

Long term data center strategy development incorporating IT capacity modeling, risk tolerance, business profile, and total cost of ownership analysis

Colocation sourcing

Support in the development and submission of Colocation RFPs, including customization based on specific client requirements. Technical evaluation of responses and normalizing all proposal cost components for facilitated comparisons.

Scope of work

- Incorporate and quantify cloud adoption impacts without getting lost in an extended dependency mapping project
- Identify candidate workloads for the cloud
- Project cloud costs based on workload profiles
- Identify cost reductions in company data centers, colocation, and IT expenses
- Total cost impact of cloud adoption

Service Description

EYP MCF has always been at the forefront of data center strategic planning which centers on alignment of IT and Data Center Strategies. Cloud initiatives have grown such that they have a material impact on nearly all enterprise IT and data centers strategies. As more workloads are considered for the cloud, companies must now consider not only the technical questions regarding such initiatives, they should also understand how the cloud will change their IT and Facilities workloads. Similarly, projecting both the future cloud costs and changes in internal costs is critical to making informed strategic decisions. With its Cloud Adoption Analysis Service, EYP MCF helps our clients evaluate and quantify cloud-driven changes such that total data center, IT, and cloud costs are presented and understood in terms of their effect on TCO (Capex, Opex, and cashflow) and operations.

How it Works

EYP MCF consultants will work with client SMEs to categorize workload groups that are likely candidates for cloud migration. Based on these cloud candidates, the underlying IT and facility infrastructure and assets that will be affected by such a move will be identified. The list of customer-side infrastructure and assets includes but is not limited to IT equipment, licensing, rent, power, and staffing.

With the assets identified, both sides of the financial equation can be addressed:

- The projected costs of public cloud infrastructure to support identified workloads.
- The cost deltas based on savings or cost increases related to changing customer-side costs due to movement of workloads to the cloud.

EYP Mission Critical Facilities
420 Columbus Avenue Suite 202
Valhalla, NY 10595
+1.508 801-9669
www.eypmcfinc.com

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The title graphic features a dark background with a perspective view of a server room aisle on the right and a modern data center building on the left. The text 'EYP MCF Cloud Adoption Analysis' is centered in white.

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OTHER SERVICES

Data Center Design

Full data center design services ranging from data center design programming through conceptual designs and construction documents.

Assessments

Engineering evaluation of existing data centers including capacity evaluation, single points of failure, and failure

Outcomes

1. The service provides a practical approach to evaluating cloud adoption candidates and the associated impact on an organization's current and future resources.
 - Impact on data center capacity requirements
 - Projection of cloud costs
 - Identification of hidden costs such as governance costs, application transformation, shadow IT etc.
2. Efficient and rapid review of client workloads to identify cloud candidates and their underlying costs.
3. Total cost projections that capture and indentify the shifts inherent in cloud adoption
 - Resulting shifts of costs between traditional facilities and IT budgets
 - Shifts between Capital and Operating expenses.

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