



Cloud Services

**Primed
for Future
Growth**

D2M Cloud Services: Primed for Future Growth

Multiple industry sources cite significant growth potential ahead in the worldwide public cloud service market. The next five years offer incredible opportunities to leverage digital technologies that help scale intimate relationships with customers. Impact on customer loyalty, retention, and advocacy must be a key decision criterion for technology buyers. Key data points signal dynamism and ongoing growth in the years to come:

- The public cloud service market with an exponential growth is expected to reach \$331.2B in 2022. Gartner predicts a compound annual growth rate (CAGR) of 12.6% going forward.
- Larger, public cloud providers and a maturing SaaS ecosystem will dominate enterprise cloud spending. Forrester anticipates that revenue from public cloud infrastructure, platforms, and applications will slow to a still healthy CAGR of 21% between 2018 and 2022, reaching \$411 billion.
- Digital Transformation will drive disruption in how businesses create and deliver value to customers. IDC Worldwide Cloud 2020 Predictions indicates these actions will be driven largely by changes in buyer and user behavior. Direct digital transformation (DX) investment is growing at 17.5% CAGR and expected to approach \$7.4 trillion over the years 2020 to 2023 as companies build on existing strategies and investments, becoming digital-at-scale future enterprises.

Key Challenges Ahead for CIOs

CIOs face number of Cloud Computing challenges, particularly in the areas of security, vendor lock-in, and shadow IT. During migrations from on-premise to cloud, or between clouds, they are keen to know how migrations can be achieved faster, better, safer and cheaper.

The major concerns CIOs can expect to see in 2020 and beyond, include:

- New security threats;
- Data protection;
- Skills gap;
- Multi-cloud security;
- Innovation and Digital transformation;
- Finding new revenue streams;
- Lack of agility;
- Outsourcing risks, and
- Business results.

Taking a proactive approach to address coming challenges is a key element to successfully address them. D2M Cloud Services bring the expertise and leadership you need to greet the future of Cloud technology confidently.

The D2M Advantage

D2M helps in both “cloud-first” and “cloud-only” strategies, depending on the maturity level of the enterprises it serves.

D2M Cloud Service offerings include:

1. **Assessment and Advisory:** Automated assessment, advisory and discovery of your IT landscape to evaluate the recommended approaches and candidates for cloud migration, while considering the total cost of management.
2. **Cloud Migration:** Full spectrum migration from on-premise servers, applications, and databases, to the cloud, or from one cloud environment to another.
3. **Application Modernization:** Transform and translate an application to fully exploit the cloud’s scalability, elasticity, security model.
4. **Operations and Support:** Comprehensive, coordinated coverage to ensure continuous optimization and care that is engineered for the scalability offered by the new cloud environment.

Proven Framework Structures for Maximum Success

D2M has developed several well-defined frameworks that are at the core of its ability to deliver industry-leading Cloud Services that drive top outcomes. These include:

- **Cloud Discovery and Assessment Services (CDAS)**, built on the provider’s Well Architected frameworks, and Cloud Adoption frameworks customized for specific industry verticals, uses “Sirro® FastTrack Migrate Assessment” to provide detailed reports on asset inventory, cloud readiness, workloads TCO for AWS, Azure and GCP, application modernization. In addition, D2M consulting and advisory team layouts vision and strategy, architecture analysis, cloud adoption roadmap and implementation plan for customers.
- **Cloud Migration and Modernization Services (CMMS)**, including accelerator tools, security best practices, compliance, governance and skilled personnel both in cloud native tools / services and third-party tools to help enterprises in cloud migrations.
 - The framework leverages an accelerator tool known as “Sirro® FastTrack Migrate Assessment” which helps in auto-shift complex deployment topologies, manage and optimize after migration.
 - It helps in both on-premise to cloud and between cloud migration and can reduce migration costs up to 70%. It provides better migration decisions, optimal cost modeling, automate migration with continuous replication, accelerate Shift iterations with 1-Click.
 - Tool provides unified assessment and migration to cloud for “Lift and Shift” and “PaaS Shift.”
 - Framework helps modernization powered migration through DevOps CI/CD, Containers and Microservices, PaaS-ification, IaC, and Low Code platform.
 - D2M LABS, which is part of the framework, is used for PoCs and for App Modernization services using Ansible AWX and Terraform. The framework leverages on D2M Automation Center of Excellence (ACE) expertise for any automation opportunities during Cloud migration and Data CoE expertise for Data Modernization and Data Governance opportunities on the Cloud.

Cloud Operations and Maintenance Services (COMS), which leverages Managed Services facilities in NA, LATAM, EMEA, APAC to provide both offshore and nearshore shared delivery support models for its customers in “follow the sun” model increasing responsiveness and reducing delays. The framework has support modules for Cloud infrastructure, IaaS and Applications, Maintenance, Operational Management and Managed Security. It has both basic and additional service tiers, has built-in Cloud scale tools like CloudHealth, OneLogin, N2WS CPM along with integrated CloudOps and Managed Services using customer’s ITSM, ServiceNow, to provide cohesive operations.

We're Your Digital Transformation Partner on Your Cloud Journey

D2M has experienced Cloud competency/CoE and DEN (D2M Extended Network) teams to provide skilled personnel required for cloud migration projects quickly across the globe. D2M also has technology partnerships with several leading platforms, such as AWS, Hashicorp and Snowflake with new cloud partnerships in pipeline as its ever-expanding partner ecosystem evolves. At D2M, we bring the best-in-class expertise and technical partnerships your organization needs to expertly navigate your cloud journey. Contact us today to find out more about what we can do for you.

1. **A leading financial services company:** D2M leveraged on CMMS framework and used Sirro® FastTrack accelerator to migrate customer VMs and physical servers from on-prem to cloud and reduced migration costs up to 70%. Used security best practices for block level encryption. Have dealt with up to 1,000 server migrations and the cost per server migration ranges from \$600 – \$1,000 USD.
2. **A leading technology company that works across the office of the CFO focusing on financial systems and information;** from strategy to reporting and analytics, to consolidation and budgeting/forecasting.
3. **An American multinational technology company:** D2M Labs provided Azure stack virtualization, a unique and innovative solution on Azure Cloud for Azure stack training.
4. **A Fortune 500 leading provider of metal packaging for foods and beverages:** D2M came up with a consolidated Digital marketing platform leveraging Cloud competency / CoE team. D2M also provided CloudOps support from US and APAC for a mere \$300 per instance per month leveraging D2M COMS framework.
5. **A leading analytics and research firm:** D2M came up with a custom unique solution to process huge volume of data from over 5000 POS systems leveraging D2M Big Data Framework using AWS EMR leveraging D2M Cloud competency / CoE team. This improved customer's large data processing capability, reduced time to process and CAPEX costs by 22%.
6. **A prominent corporation providing independent technical and scientific research, development and advisory services to national security space (NSS) programs since 1960:** D2M came up with a custom unique solution to overcome the instances scaling limitations on AWS GovCloud leveraging D2M Cloud competency / CoE team. The solution leveraged on AWS Cloud Formation templates, D2M Sirro® and AWS Auto-scaling service to run customer's Monte Carlo simulations without facing capacity issues and provision several 100 of instances in streamlined fashion.



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