FUJITSU

Fujitsu
Data Center
Management
and Automation

At a glance

Why is Data Center Management and Automation (DCMA) so important?

With IT growing in importance as an enabler of business success, data center managers are expected to provide more agile, flexible and efficient support for the business – with standardized processes, self-service approaches and high service quality. They are also expected to deliver 24/7 service reliability, to shorten the time-to-productivity for new services, and to be ready for innovations based e.g., on Artificial Intelligence, Big Data and Cloud technologies. So, what is the best way to do all this – and do it well?

Addressing the challenges

Data Center Management and Automation is targeting to support the business objectives of our customers. Fujitsu leverages the experience from many customer projects and our own data center operations to help to improve data center efficiency, increase service levels, drive down costs and accelerate time-to-market.

Our DCMA offering comprises solutions, products, services and several delivery models, and can be utilized on premise, as a managed service or out of the Fujitsu cloud.

Our approach

We follow a standardized process with proven methods to generate valuable solutions for our customers. With How-to descriptions, best practices, blueprints and solutions, we make it easier for our customers to deploy Data Center Management and Automation. Our DCMA portfolio includes consulting services, products from Fujitsu and selected technology partners. The main areas of interest are strategic IT- and Data Center consulting, DCMA solution consulting, process automation, service quality management, monitoring and service desk out of the cloud as well as Data Center Infrastructure Management.

- **Strategic IT-and Data Center Consulting** based on the Fujitsu methodology digital business reference architecture DEBRA.

- **DCMA Solution Consulting** helping organizations on their path to operation.

- **Process Automation** integrates technology, processes and human interaction to automate and accelerate recurring processes and to avoid errors of manual interventions.

Fujitsu helps organizations orchestrate and automate processes across platforms, applications and the entire company. This significantly improves service quality, reduces costs and increases staff productivity – with intuitive dashboards for convenient management.

- **Service Quality Management** maintains and improves the quality of IT service delivery, Fujitsu helps organizations to benefit from Service Quality Management with enhanced service quality. Dashboards provide information about fulfillment of service level agreements (SLA), health and quality of the services.

- **Data Center Infrastructure Management (DCIM)** Fujitsu Data Center Infrastructure Management – the digital twin of your data center – covers energy, assets and processes. It is the enabler of complex, automated work-flows and supports a wide range.

- **Fujitsu SE Manager**
  The SE Manager ensures a standardized, central management concept for the entire system which enables a very high degree of integration and the optimal use of resources:

  - Cross-system administration using a modern, browser-based interface as a single-point-of-administration

  - Common system monitoring of all parts and components

  - Common service concepts

  - Comprehensive consolidation option thanks to state-of-the-art virtualization.

- **Fujitsu ServerView® Infrastructure Manager (ISM)**
  Fujitsu ServerView® ISM supports customers on their path towards software defined infrastructure. Enable faster IT service by automating and simplifying infrastructure operations across compute, storage and networking. ServerView® ISM helps to simplify day-to-day IT operations. Obtain actionable insights & act using programmable APIs:
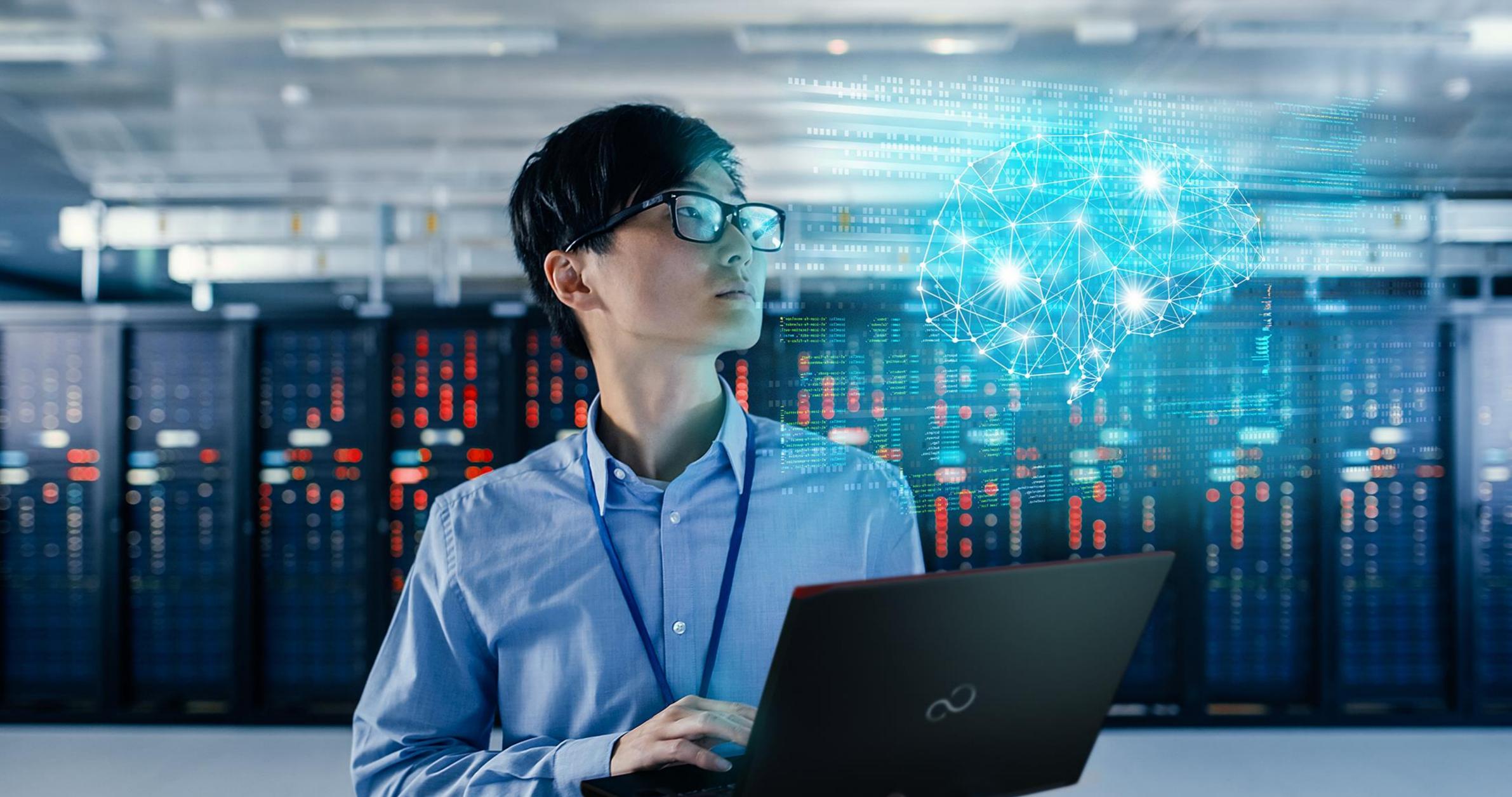
  - Track compute resources and reassign workloads to reduce power

  - Increase storage utility based on data usage patterns

  - Re-direct network traffic in case of a congestion.

  - Get an integrated view and centralized control over heterogeneous environment with ServerView® ISM components to deploy, control, dynamize and maintain.

Fujitsu ManageNow® Solutions

Fujitsu ManageNow® are service solutions for easy, automated implementation and efficient operation of heterogeneous IT environments. Fujitsu provides ManageNow® solution suites for Data Center Monitoring, Data Analytics and Client & Server Automation.

- **ManageNow® Data Center Monitoring**
  Fujitsu ManageNow® Data Center Monitoring is a highly scalable solution to monitor, manage and automate enterprise IT and secure the availability and performance of IT infrastructures and business services in heterogeneous data centers. Providing a 360° view of the entire IT infrastructure with automated problem identification, classification, prioritization and rule-based error handling, it speeds up and simplifies monitoring tasks.

- **ManageNow® Data Analytics**
  Fujitsu ManageNow® for Data Analytics platform (MN4DA) is an integrated set of data storage, visualization and analytic tools that are built in a scalable cluster with automated scripts. Using MN4DA you no longer need to design, deploy, manage, scale and upgrade your own Big Data (Hadoop / ELK) solution. Just connect to the MN4DA platform as a Service or Fujitsu can install a dedicated MN4DA in your own environment. Get the installation and management services you need with a simple and flexible price model.

  MN4DA features a portal providing one place to access all the available tools for creating dashboards and graphs. Using this portal, the business users can get to the information they need quickly and easily, looking at predefined dashboards or creating their own data queries. For more sophisticated data analysis, prediction or Machine Learning solutions, Fujitsu can provide skilled Data Scientists or customers can use MN4DA as their own development platform.

- **ManageNow® Client & Server Automation**
  Fujitsu ManageNow® Client & Server Automation simplifies the administration and automation of heterogeneous server, desktop and notebook infrastructures by optimizing operations. Functions range from hardware and software inventory to software packaging, patch management as well as remote maintenance and management of workplace systems.

Data Center Management and Automation Services

Fujitsu covers every stage in the value chain, with Data Center Management and Automation service packages ranging from technical IT infrastructure services to financial and ROI services and project management.

- **Consult**
  Our consulting service offers technical IT infrastructure services such as customer briefings, configuration and sizing, strategy workshops, assessment services, architecture workshops, solution concepts, optimization services, proof of concept and project management as well as financial TCO and ROI Estimate services. We have also developed Optimization Services, which provide valuable insights for IT managers striving to raise efficiency. We analyze data centers, networks, workplaces, server infrastructure, software, storage and backup and give insights on how you can make things work better.

- **Design**
  Our design services offer solution specification, configuration and sizing, proof of concept, migration specification, operational specification and ROI Predict.

- **Build**
  Our build services provide hardware installation and configuration, solution implementation, migration services, upgrade services, audit and rollout services. Project management, operational implementation, operational trainings and ROI Delivery services complement the offering.

- **Operate**
  We support our customers with Go-Live services, software support, operational consulting and optimization, health checks, managed services and customer-specific training.

- **Maintain**
  In heterogeneous, distributed environments, maintenance needs to be precisely coordinated. Fujitsu supports customers in managing service contracts in multi-vendor environments, defining clear service responsibilities and coordinating and executing maintenance services.

Delivery Models
On premise, managed service and out of the cloud – there are several delivery options for Fujitsu DCMA solutions.

On premise: DCMA solutions are installed on site in the customer's data center and operated by the customer's IT staff.

Managed Services: DCMA solutions are tailored to customer requirements and are operated as a managed service by Fujitsu staff on behalf of the customer.
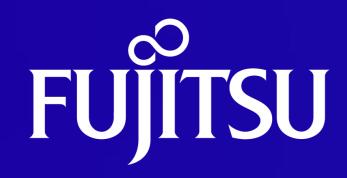
Out of the Cloud: Specific DCMA services are provided as cloud services.

Data Center Management and Automation Demo Center

The Demo Center in Frankfurt/Main, Germany provides a first-hand impression of our DCMA solutions and services. The demonstrations cover energy management, automated client and server provisioning, runbook automation and process automation, service quality management, root cause analysis for network and services, performance management and reporting, incident management, Data Center Infrastructure Management (DCIM) and many more. Our experts demonstrate the possibilities and efficiency gains provided by DCMA solutions.

Why Fujitsu?

Fujitsu is one of the largest IT service providers in the world and, with over 30 years' experience, a reliable and trusted one-stop shop for IT services.

We reduce manual activities and guarantee high quality implementations. Our business process orientation ensures that your DCMA implementations are tightly matched to your business requirements. With our consulting services, we help you develop the right data center management and automation strategies, and our design services offer valuable assistance in finding the appropriate tool landscape for your requirements. We accompany you through every stage of your project with a comprehensive portfolio of solutions, products and services. We build, operate, maintain and provide optimization services to support you in managing and automating your data centers.

FUJITSU

Contact

2022 Fujitsu Services GmbH

Mies-van-der-Rohe-Str. 8, 80807 München

E-mail: dcma@fujitsu.com

www.fujitsu.com/DCMA