

MISSION CRITICAL DATA CENTER ADVANCED SERVICES



TIME FOR CHANGE

We are a set of IT consultants with more than 15 years of on-the-field experiences ranging from Server, Storage, Network, Software and Content Security to Data Centre Infrastructure Management (DCiM).

Our Data Center Consulting Services practice consists of experienced professionals dedicated to the task of identifying and understanding industry trends, evaluating technologies, reviewing products and defining the best business practices.

Our goal is to ensure you find the best solutions for your company needs today and into the future.

We provide end-to-end data center assessment services that include a review of your existing data center's reliability and points of failure, as well as a review of growth, floor space, and power and cooling needs. We will assess and evaluate your IT inefficiencies, then optimize and improve the performance to support new business objectives.

BENEFITS OF GREEN DATA CENTER

▶ Support Growth

Optimize power, cooling and layout for high density servers, storage and virtualization equipments.

▶ CAPEX AND OPEX

Avoid band aid type upgrades to your facilities than burn organization CAPEX and increase OPEX.

▶ Reduce Electricity Usage

Reduce mission critical data center utilities usage by 20%-40% without impacting IT servers and services.

▶ Sustainable

Strike sustainable balance in mission critical data center operation between IT, Finance and Facilities.

▶ Green Facility

Introduce high efficiency "carbon friendly" system that have substantial ROI payback.

▶ Reduce Maintenance

Avoid expensive maintenance and repairs charges for power and cooling infrastructure.

How its help to my organization?

In an effort to formalize this trend and develop a community around it, we recently created the Mission Critical Data Center Professional Consulting as a way to share information about the greening of data centers within the industry.

WHAT IS GREEN DATA CENTER?

“Being Green” It means leading a more environmental friendly and eco-aware life.

Metrics like Power Usage Effectiveness (PUE) and Data Center Infrastructure Efficiency (DCIE) exist to guide our customer towards a unified understanding and to measure efficiency of existing data centers.



OUR CONSULTANCY OFFERING

Data Center Planning and Pre-Design Develop a comprehensive architecture floor plan and blue print design. Develop the best practises Business Continuity and Disaster Recovery (BCDR) plan.

Data Center Power and Cooling Analysis Provide an excellent starting point for determining how to improve the capacity, availability and efficiency of data center.

Data Center Efficiency (PUE / DCiE) The purpose of this document is to provide recommendations on measuring and publishing values for PUE at dedicated data center facilities.

BUSINESS OBJECTIVES REVIEW

Review all installed components in Data Center meet the company operation and business objectives. Identify feasibility and cost efficiency of the solutions.

TECHNICAL COMPLIANCE REVIEW

Review and ensure each component technical specification complies with local authority standard and International guideline.

SOLUTION COMPONENTS REVIEW

Evaluate mission critical data center key features and benefits of each solution. Develop a best architecture blue print design for company long term milestone business plan.

SCOPE OF WORK (SOW)

Preliminary Assessment

- Study the current data center architecture
- Interview with the data center manager
- Understand the business objective and operation

Mission Critical Data Center Assessment

- Install data logger to collect data center behaviour and information
- Study and analyse the data collected
- Produce a fact finding report with justification

Develop a Blue Print Document

- Develop System Requirement Design (SRD)
- Develop details diagram for each components
- Develop Bill of Material (BOM)
- Estimated budget for new design
- Details Scope of Work (SOW)
- Details migration plan
- Details project schedule

Checklist and Compliance Document

- Develop compliance table
- Develop checklist table
- Develop User Acceptance Test Plan (UAT)

OCEANMAX DATACOMMS SDN BHD (581503-H)

Lot 28242, Kg. Jaya Industrial Area, 47000 Sungai Buloh, Selangor, Malaysia.

[T] +603 6145 3333 [F] +603 6156 9337 [E] enquiry@omdc.biz