PMB
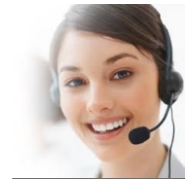
Innovative Data Center Specialist

Audit & Consultancy

Project Management

Critical Infrastructure Solutions

Support Services

OUR CAPABILITIES

SUPPORTING YOUR CRITICAL OPERATIONS

OUR VISION

To be the global leader in Critical Operations Environtment

OUR MISSION

To establish PMB as the Premier Partner for Critical Operations Environment in the world while maintaining our Uncompromising Principles in the Service we provide

OUR CAPABILITIES

Audit & Consultancy   Critical Infrastructure Solutions

Project Management   Support Services

Established since 1991, PMB specializes in the audit, design, implementation and maintenance of Critical Operations Environment such as data centers, disaster recovery sites, command centers and work areas. As a specialist, PMB has been equipping its customers with highly resilient environment designed to support an organization's operations all year around.

Beginning its head office in Singapore, PMB has since established its operational offices in Malaysia, Indonesia, Thailand and China. PMB's experience has enabled it to standardize the regional Critical Operations Environment designs of its major clients.

On 20th January 2006, an official partnership between ST Electronics (Info - Software Systems) Pte Ltd (STEE - Infosoft) and PMB was established. Since 2011, PT PMB Indonesia became a local Indonesian company. However, we have an option in working together and dealing with ST Electronics (Info - Software Systems) Pte Ltd to handle existing projects when needed.

Currently, PMB's customer base spans across various industries which include financial and banking, government agencies, education, information technology, Telecommunication, Oil&Gas Company, wholesale/retail trade and pharmaceutical.

Committed to ensure the business continuity of customer's vital operations, PMB makes sure that each and every Critical Operations projects are well designed, implemented and maintained at high level of reliability, scalability and flexibility for customers to depend on for maximum uptime.

PT. PMB Indonesia - Innovative Data Center Specialist

ASSESSING YOUR DATA CENTER NEEDS

Take a moment to imagine the consequences of a power or cooling system failure in your data center. These may include the cost of service interruptions, loss of business opportunities due to system downtime and the loss of customer confidence. How much do these cost in total ? The uptime institute reported that the cost of an information outage caused by just a simple infrastructure failure can sometimes exceed the whole annual budget for infrastructure operations.

Understanding the impact of these consequences and working with reputable consultants, PMB introduces professional audit and consultancy Service that performs through health checks on existing infrastructure and provides specialized consultancy services for the implementation of new sites.

GIVING YOU A PEACE OF MIND

Together with reputable consultants, PMB audit and consultancy services help to :

·Evaluate your current infrastructure and if it meets your changing IT needs
·Provide detailed analysis and reports based on the health audit of current infrastructure
·Provide professional opinion on the resiliency of the infrastructure
·Provide an improved plan and design that is customized to client's operational needs

AUDIT SERVICES

More often, a critical infrastructure appears to be working perfectly until a problem arises and distrupts the operations. PMB Believes in taking predictive measures before such distruptions happen, therefore a regular and detailed health check should be conducted on the infrastructure to ensure a more lasting and dependable facility in the long run.

Audit for Existing Sites

·Site inspection and Survey
·Technical review of the M & E infrastructure
·Reliability analysis of customer's support
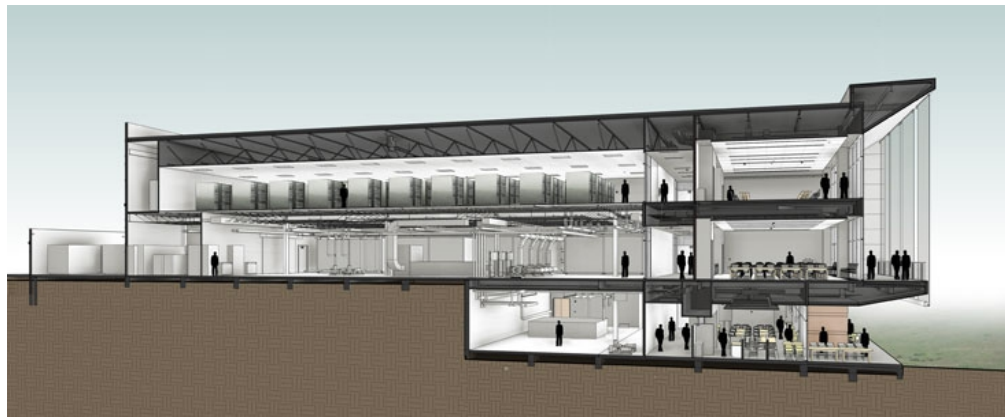·Failure point analisys
·Summary report
·Customized solution

CONSULTANCY SERVICES

Equipped with years of experience in the Critical Operations Environment, PMB together with established consultants, adopt the best industry methodologies to ensure that customer's infrastructure is well-designed to meet their unique operational needs.

Building of New Data Centers

·Site selection
·Site feasibility studies
·Site design and layout
·Perform a due diligence review of the data center requirements, build project plan and migrations
·Provide project management for the design, build and migration of the data center

OFFERING COSTUMIZED SOLUTIONS

DEPENDABLE PROJECT IMPLEMENTATION

PMB Project Management Services are designed to assist customers with the implementation of large scaled projects. With the understanding of the critical nature of the operations, PMB project management team is well trained to carry out project planning, project coordination, communication and project budget management to ensure on-time completion of projects.

Working with PMB's project management team will give customers the support and assurance they need, knowing that their projects are backed by years of industry experience.
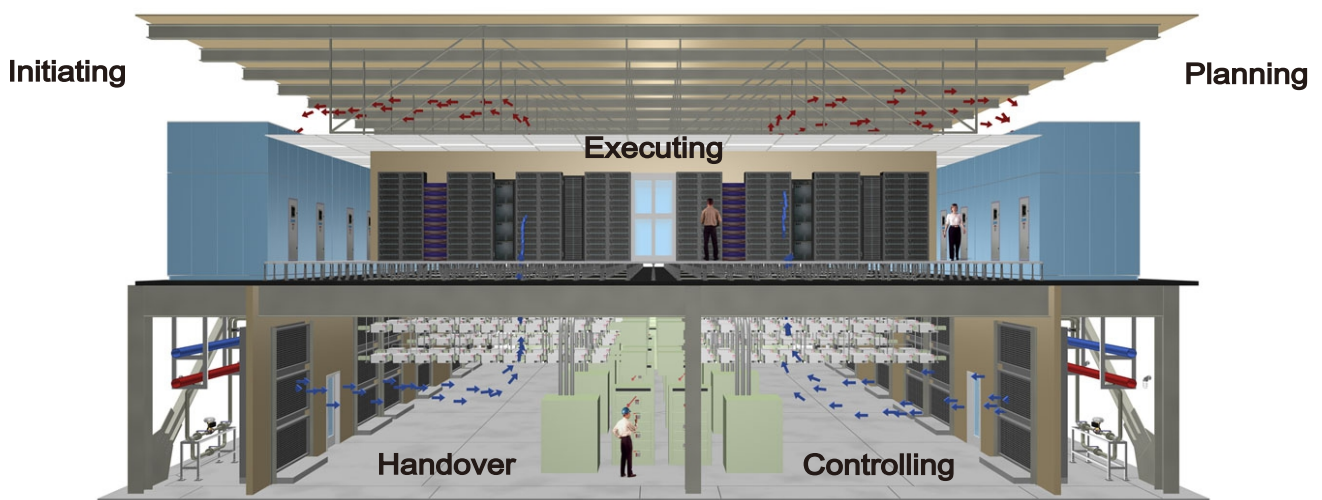
MAKING SURE YOUR FACILITY IS UP AND RUNNING

With PMB project Management Services, you can :
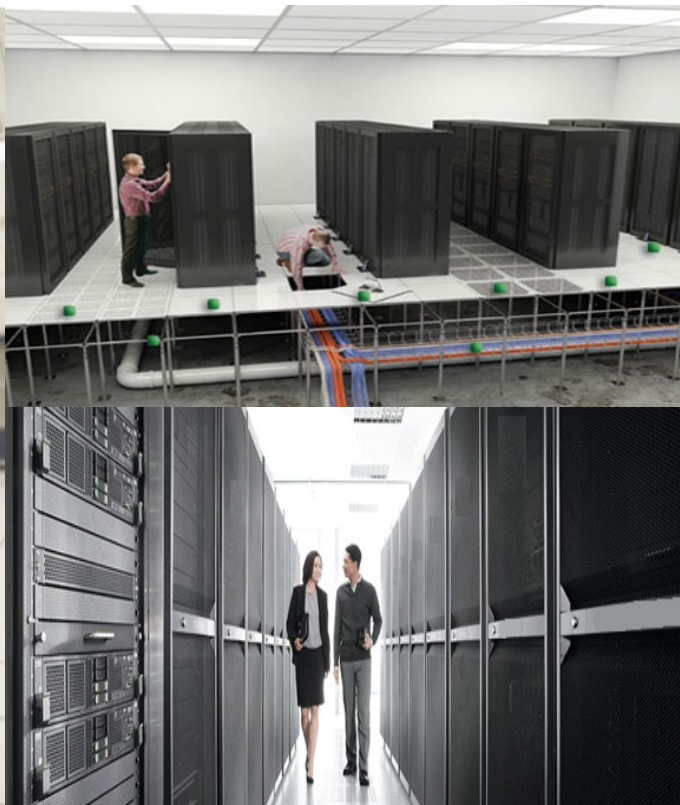
- Focus on core business objectives while PMB manage your infrastructure set-up
- Access to PMB Project management expertise for proper project implementation
- Saves time and resources as PMB oversees customer's critical projects, giving them a single point of contact
- Keeps track of the progress of customer's project with regular progress meetings and written reports

PROJECT MANAGEMENT

PMB KNOWLEDGE AREAS

Project Integration Management	Prepare project management plan, describe methodology, reviews, baseline controls and organizational roles and responsibilities
Project Scope Management	Managing the process that limit and control the work included in the project
Project Time Management	Ensuring prompt reporting and documentation, ensuring timely project completion
Project Cost Management	Document systems and procedures for cost and schedule control
Project Quality Management	Monitor metrics and trends to achieve quality goals, integrate quality management into project planning and risk management
Project Human Resource Management	Document project roles and responsibilities. Articulate a team building vision, objectives, strategy, and meaningfull measures of success
Project Communication Management	Exercise channels for internal and external communications with key players and plan contacts, messages, and information flow clearly identified
Project Risk Management	Identifying and quantifying the risk to understand and control the risk probability and impact
Project Procurement Management	Identify all requirements, dollar estimates, lead times, issues, and risk management actions to verify realism and identify additional risks

Initiating   Planning

Executing

Handover   Controlling

SERVICES TAILORED TO YOUR NEEDS

SUPPORTING YOUR INFRASTRUCTURE

Organizations roll out many different products from time to time and offer innovative services in this competitive business environment to gain competitive advantage over their business rivals. Understanding the need to meet the ever charging Critical Infrastructure Environment Criteria, PMB has the experience and resources to provide customers the necessary and appropriate professional critical infrastructure solutions.

COOLING SYSTEMS

The Precision Cooling Unit is specially designed to maintain temperature at 22'c, and the relative humidity at 50% to provide the right operating environment for the equipment.

ELECTRICAL & POWER SYSTEMS

Systems are designed with the latest dual-fed sources. The dual-fed sources provide a fully parallel redundant (N+1) lower input harmonics Uninterruptible power system (UPS), with dual-fed redundant secondary switchboards and critical load distribution boards to systems. Systems are also supported by a back-up diesel generator with full load capability.
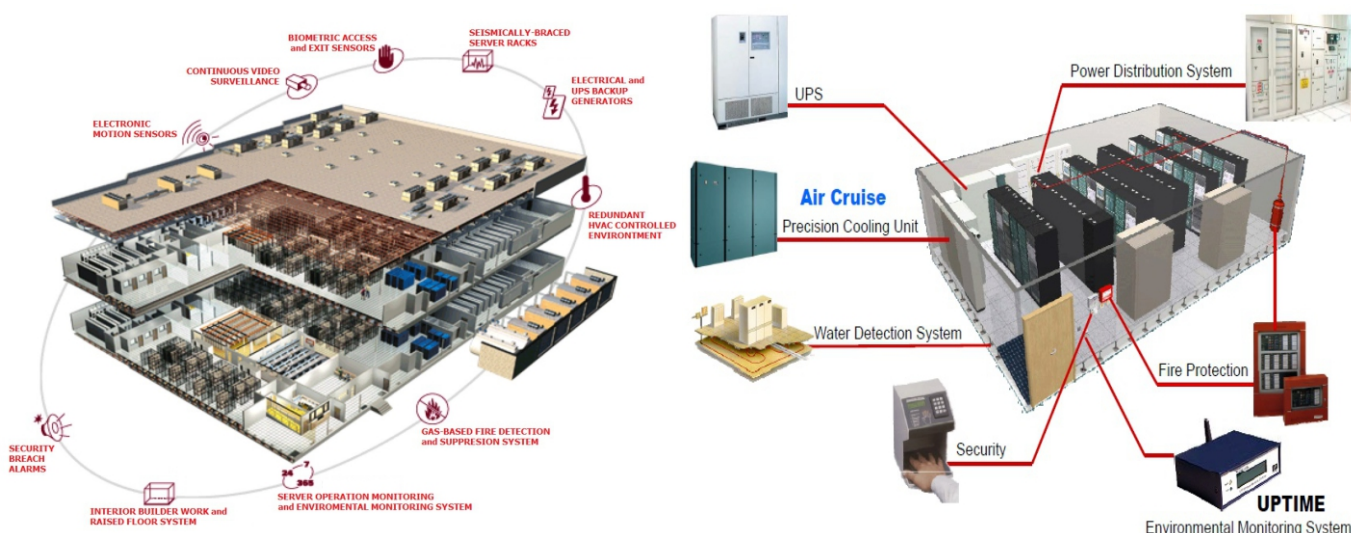
SECURITY SYSTEMS

From basic proximity card access system to the high-end biometric access system, customers can be test assured that their Critical Operations Environment are highly secured and protected. A wide range of close Circuit Surveillance TVs (CCTV) and Digital Video Recording (DVR) are also available for constant monitoring and at a higher level, where recording time is extended and users are able to view images at any specific time and date on site or remotely via the web.

ENVIROMENTAL MONITORING SYSTEMS (EMS)

The round-the-block critical operations facility management system is installed to monitor the power supply, air conditioning, temperature settings, fire detection and suppression system, water detection system, security and generators to prevent problems from escalating.

PROFESSIONAL SOLUTIONS FOR YOU

FIRE PROTECTION SYSTEMS

A full suite of fire protection systems such as the smoke detector and water sprinkler points, water drainage systems, fire extinsguishers , fire control panels and piping installation, complete with environmentally friendly gas, protect your Critical Operations Environment against any fire hazard.

LEAK DETECTION SYSTEMS

An effective prevention and tracking system can alert key personnel of the precise problem at the shortest possible time. The sensing cables installed with an alarm and locating module triggers an alarm when it senses water instrusion and the location of the leak is pinpointed.

THE SERVICES YOU CAN DEPEND ON

Your daily operations depend on round-the-clock availability of your critical infrastructure site. More often, hidden problems within the critical facility not properly monitored and corrected, will lead to undesired consequences. PMB believes in giving your facility the level of protection it needs against unplanned downtime.

Preventive maintenance and Facilities Management are the two main support services that PMB offers to customers.

PREVENTIVE MAINTENANCE

Focusing on critical infrastructure in a data center, PMB's full range of proactive customer-driven support services include.

Periodic Inspection of equipment
·Scheduled routine checks on equipment
·Status report upon completion of inspection
·Pro-active plan on replacement/re-conditioning of the equipment

24-Hours Technical Back-Up
·Fast on-site response
·Trained specialist to attend to the various faults in the Critical Operations Environment

FACILITY MANAGEMENT

PMB offers a hybrid approach for IT infrastructure outsourcing, with a mixture of on-site operations and maintenance as well as facilities management. This allows customers to focus on higher level IT activities while PMB takes care of the infrastructure maintenance.

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PMB professionals help customers to design and implement strategic facilities management programs through sourcing and managing of various vendors to deliver reliable on-time services, all designed to reduce cost, shorten cycles and improve service and quality.

·On-site Engineer
Trained FM Engineer will be assigned to take charge of the client's facility and provide additional technical assistance to clients

·Rapid Response to emergencies
On-site FM engineer provides immediate response to customers in any case of emergencies

·Site Environment Monitoring
Regular charting of the reading and provide reports to clients for capacity planning

·Vendor Management
Single point of contact for partner/vendor liaison on the facility and equipment

·Servicing of Critical Operations Equipment
Monitoring the health status of the site facility through regular reports and liaise with servicing team on the IT plans

·Professional Advice
Participate in discussions pertaining to IT expansions or changes and make sound suggestions

ENSURING CONTINUOUS AVAILABILITY

1 Ceiling

Ceiling plenum cleaning is especially important when the plenum is used for return air. Airborne particulate can settle on building structure and MEP systems. Building vibration and airflow changes can cause existing settled contaminants to become airborne and burden CRAC/CRAH filters or contaminate equipment below.

2 Overhead

Cable trays, lighting, ductwork,and piping are all areas of your Data Center that are outof sight and often neglected. Not only do harmful dustparticles settle on the equipment in the room, but also accumulate on the overhead components. Building vibration and airflow changes can dislodge settled particulate.

3 Underfloor

Underfloor plenum cleaning removes settled particulate to prevent it from becoming airborne and ultimately harming sensitive datacom equipment or activating smoke detectors.

4 Floors

Floor surface cleaning removes ground-in contaminates which diminish the built-in conductivity of the floor surface.The dirtier the floor, the lower floor's ability to dissipate potentially dangerous static electricity. Data Clean maintains all types of flooring, including: High Pressure Laminate (HPL) epoxy, vinyl, and carpet.

CRITICAL ENVIRONTMENT CLEANING

Why Clean a Data Center?

- Contaminants can shorten server and other electrical components life by limiting airflow to cool the equipment leading to overheating and premature failure.

- A dirty environment will decrease the cooling efficiency of the data centers cooling system increasing cooling costs.

- A dirty data center presents a less desirable work environment for employees.

- Aesthetics makes a big impression on people. When they see a clean and neat site, they just feel better about placing their servers in your data center.

- With all the things that can impact a data centers reliability and performance, a cleaner data center should increase its uptime.

- Cleanliness and uptime usually run hand-in-hand. When employees take pride in keeping a data center clean, they'll often take pride in equipment maintenance and improving the site's overall performance and uptime.

Services offered

- Under Raised Floor cleaning
- Above Metal Ceiling cleaning
- Tops of Raised Floor including HPL
- Rack cleaning and preserving

Data Center Compliance

- After cleaning particle count
- Complies with ISO 14644 standards
- Report of compliance

CLOSE TO OUR CUSTOMER

- IBM DISASTER RECOVERY CENTER
- OTO MULTIARTHA DISASTER RECOVERY CENTER
- BANK NUSANTARA PARAHYANGAN (BANK OF TOKYO-MITSUBISHI UFJ) DATA CENTER
- TELKOMSEL DATA CENTER TTC TB SIMATUPANG
- TELKOMSEL DATA CENTER TTC BUARAN
- OCBC NISP DATA CENTER JAKARTA
- OCBC NISP DATA CENTER BANDUNG
- YOGYA DEPTSTORE DATA CENTER
- BANK CENTRAL ASIA DATA CENTER WISMA ASIA II SLIPI
- BANK CENTRAL ASIA DATA CENTER MENARA BCA GRAND INDONESIA
- UNITED TRACTOR DATA CENTER
- NAP INFO LINTAS NUSA DATA CENTER MATRIX LANDING STATION
- ASTRA AGRO LESTARI DATA CENTER
- CHEVRON PACIFIC INDONESIA MAIN DATA CENTER RUMBAI
- CHEVRON PACIFIC INDONESIA TELCO ROOM MINAS
- CHEVRON PACIFIC INDONESIA TELCO ROOM PETAPAHAN
- AEON INDONESIA
- BMW INDONESIA DATA CENTER

CONTACT US

PT. PMB Indonesia
Innovative Data Center Specialist

Head Office:
Jl.Tanah Abang II no. 87 F (Cideng Barat)
Jakarta Pusat 10150, INDONESIA
Phone : (021) 389 022 91-93
Fax   : (021) 386 24 15
Email   : enquiry@pmbindonesia.com