PRASA

®

An ISO 9001 - 2015,
Data Center Company

PRASA
AT A GLANCE

Prasa is one of India's leading data center and mission-critical infrastructure solutions and service provider.

For over 29 years, Prasa is known for delivering innovative turnkey data center solutions that are **highly efficient, Scalable, economic and agile.** Right from providing consultancy to building, then managing and maintaining, and finally backing it up with resilient products and critical services, we do it all!

Established in the year 1994, Our in-depth knowledge & vast experience of all these years in building data centers has helped us develop an in-house expertise over the data center skill-sets.

With a strong team of numerous **CDCP Certified professionals, PMP Certified Project Management Team,** designing & deploying multiple Data Centers, we at PRASA are not only helping customers build data centers, we are able to help them build the very foundation of their digital future!

CDCP
Certified Data Centre Professional

What makes us one of the best data center solutions and services providers in India?

• Highly trained and experienced professionals

• Over 100+ Data Centers of experience in the industry

• High Uptime and 24x7 support services

• Unique, customized solutions for your needs

• Agile, efficient, and cost-effective solutions

COMPANY OVERVIEW

Having worked closely for almost three decades with a wide range of customers (from growing businesses to global enterprises, and government organizations), we have been able to procure indepth knowledge of the specific requirements regarding varied industry verticals. Our wealth of experience, forward-thinking ethos, and technology leadership has enabled us to generate immense expertise in understanding the exact need of the customer.

One of the most significant differentiators that separate Prasa from other mission critical infrastructure providers is the quality, creativity, and recognition to a solution that is designed by us for our customers. We're one of the elite data center partners of many leading global brands and have been consistently delivering success to various prestigious data center projects.

VISION:
Our vision is to lead in delivering secure, scalable, and sustainable Data Center solutions. We prioritize pioneering technologies and services to empower our customers, ensuring top-tier reliability, performance, and efficiency.

MISSION:
At PRASA, our mission is to deliver secure, reliable, scalable solutions tailored to clients, enabling confident pursuit of core business goals through cutting-edge technology and best practices.

COMPANY LEGACY

Prasa has completed 29 successful years in the year 2023 and continuously progressing towards new accomplishments in the Data Center industry.

29+
Years in Business

100+
Data Centers Implemented

200+
Professional Staff

5000+
Satisfied Clients

MILESTONES
OF SUCCESS

Prasa's Inspiring footsteps towards a variety of achievements and the milestone of success it has reached today!

1994
Mr. Prakash Burse Incorporation of Prasa Sales Pvt.Ltd.

1994
Mr. G. N. Attar joined Prasa.

1996
Signed Business Partnership agreement with TATA Liebert

2003
Won the award for the best Service & Business Partner (Non-Metro) for Emerson, India

2005
• Mr. Mayuresh Kajwadkar joined Prasa.
• Won the award for the best Service Partner (Non-Metro) for Emerson, India

2007
• Mr. Jay Burse joined Prasa.
• Acquisition of Vinsure Powertronics, Mumbai (An existing Emersion business partner in Mumbai)

2008
1st Data Center implemented for a Bank in Pune.

2011
Data Center implemented at the highest geographical peak of Gangtok, Sikkim (For an online Lottery gaming Company)

2015
1st HPC Data Center Implemented for the University of Pune (Center for Modulation & Simulation Department)

2018
Implemented India's largest Data Center for Supercomputers (For the Ministry of Earth Sciences, Govt. of India)

2019
Strategic exclusive partnership with GRC, TX, USA. The Liquid Immersion Cooling technology leader for India & Canada.

2019
Prasa opens it's 1st overseas office in the capital of Canada the city of Ottawa.

2020
Prasa Team Implemented 04 Data Center Projects.
1. Siemens
2. IOCL
3. Mazagon Dock Shipbuilders Ltd.
4. ACT Fibernet

2021
Prasa Team Implemented Two large Data Center Projects Simultaneously in Bengaluru and Mumbai in a Record Time of 120 Day's

2022
• Prasa Team Implemented 3 large Data Centers Simultaneously at India's largest Render Farm and Reputed Stock Exchange.
• Deployment of Pre-fabricated Container Solution.

2023
• Mr. Vinay Heda joined Prasa
• Robust order pipeline in DC design & build & pre-fabricated container solution
• Close working with colocation DC customers

MORE TO RUN!

CORE TEAM

The Backbone of Our Vision, Mission, and Commitment to You!

Mr. PRAKASH BURSE (Founder, Managing Director)

Prakash Burse founded Prasa Infocom & Power Solutions in the year 1994. He first started with a firm that provided power conditioning devices and CVT devices to budding businesses.

It's under Prakash Burse's valuable leadership and guidance that Prasa has achieved tremendous growth and crossed various milestones. It's his passion for electronic devices and data centers that transformed Prasa to stand as one of the leading competitors in the data center and mission critical infrastructure industry today.

Scan the QR code for Contact details

Mr. JAY BURSE (Chief Vision Officer, CDCP/CDCS)

Jay Burse joined Prasa in 2007, after completing his bachelor's education. He joined as a service engineer and has been working here for around 16 years now. With his monumental experience and expertise,, he won various accolades and is recognized for his innovative and pragmatic problem-solving approach on the global platform.

Knowing the ins & outs of various mission critical facilities, he has helped Prasa expand and reach great heights while inspiring & influencing a diverse workforce.

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Mr. G. N. ATTAR (Executive Director)

G. N. Attar has graced Prasa with his accompaniment since the very beginning of Prasa's existence. He joined as a Sales and Service Engineer in 1994 and has played a prominent contribution to the company's strategic direction and growth since then.

He has helped revolutionize Prasa's business model from year to year. After gaining the first data center order in 2008, he has successfully lead the implementation of 40+ data centers through Prasa's Kolhapur branch.

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Mr. MAYURESH KAJWADKAR (Chief Finance Officer)

Mayuresh Kajwadkar joined team Prasa in the year 2005 as an Accounts Assistant. With 18 years of rich experience in handling business accounts and finance for Prasa, he is now the head of Prasa's Finance Department and plays a lead role in all the company's business operations.

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Mr. VINAY HEDA (Director - DC Business)

Vinay Heda Joined PRASA in 2023, as a management team member and in capacity of Director to take on Data Center Business. He is an accomplished & experienced senior executive, with 16 years of successful career in Electrical & Automation industry.

Prior to joining PRASA, Vinay worked with SIEMENS, R STAHL, L&T, HONEYWELL & SCHNEIDER ELECTRIC, in various functions and capacity to drive growth, success and customer satisfaction.

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Being one of the most reliable and efficient data center providers globally, we always strive to deliver the best quality solutions and services, to accomplish our goal, i.e., "Customer Satisfaction".

SOLUTIONS BY PRASA

Our main focus is to understand what our customers want and why, so we can leverage our expertise to provide them with exactly what is required through an optimum, cost-effective solution.

EXPERTISE

END-TO-END DATA CENTER PROJECT

Prasa has been one of the pioneers in mastering the art of building end-to-end data centers for a prestigious list of customers. We have been at the forefront of providing data center build solutions and specialize in it. The team of experts at Prasa is known to deliver innovative solutions that are highly efficient, scalable, and agile. Below is the diagram that explains how Prasa delivers quality keeping transparency and satisfaction at par.

DESIGN BUILD DATA CENTER EXPERTISE

Civil Works
Providing & fixing civil structures to ensure a level & smooth texture of exposed walls, columns, ceilings & match aesthetics of existing or new structure.

Transformer
SITC of IEC compliant transformers suitable for the complete IT & Non-IT power requirement. Dry as well as oil-cooled transformers can be implemented as per the site requirement.

Electrical Works
Supplying & executing electrical works like cabling, earthing, lighting, installing rack sockets, plugs & integrating it with other infrastructure.

DG Set
Diesel generator set installation & maintence by our professional engineers to ensure optimum & highly satisfactory performance.

Chiller
Installation & maintenance of latest air-cooled & water-cooled chiller pipies & related equipment by our specialists.

Chiller Piping
Complete designing & implementation of P&ID of the chill water piping connecting the chillers to the AHUs or RDHXs installed inside the data center. Automation of the same through chiller plant manager(CPM) for fail-safe of the same.

PAC
Precision air cooling systems installation & maintenance services to ensure smooth functioning by cooling & humidifying / dehumidifying the data center room.

UPS & Batteries
Best-in-class uninterruptible power supply installation & maintenance work to ensure a seamless power supply & protection.

RDHX
Passive as well as active rear door heat exchangers for high density IT loads from 10kw to 30kw or higher can be designed & implemented in partnership with the world's leading OEMs for the same.

Server Racks
SITC standard as well as non-standard server & network racks with intelligent PDUs for socket level monitoring & control.

Fire Suppression
Ensuring utmost safety with installation & maintenance of fire suppression system including fire alarm, optical smoke detector, flashing led & drift compensation.

Physical Security System
SITC of biometric cum card cum code access control system, CCTV surveillance and report repellent systems for uncompromised data center security.

DCIM / IBMS
Supply and maintenance of integrated building management system software & integrator and data center infrastructure management services.

TURNKEY
DATA CENTER SOLUTIONS

SERVER ROOM:

01. Server Racks
02. RDHX Panel
03. Precesion Air Cooling
04. Floor Mount PDU
05. Fire Suppresion System

TERRACE:

06. Chiller
07. Chilled water storage
08. Chiller Piping
09. Pump
10. Dry Cooler
11. Outdoor Condensor

BMS ROOM:

12. IBMS Rack
13. Video Wall

MECHANICAL GALLERY:

14. Novac Cylinder
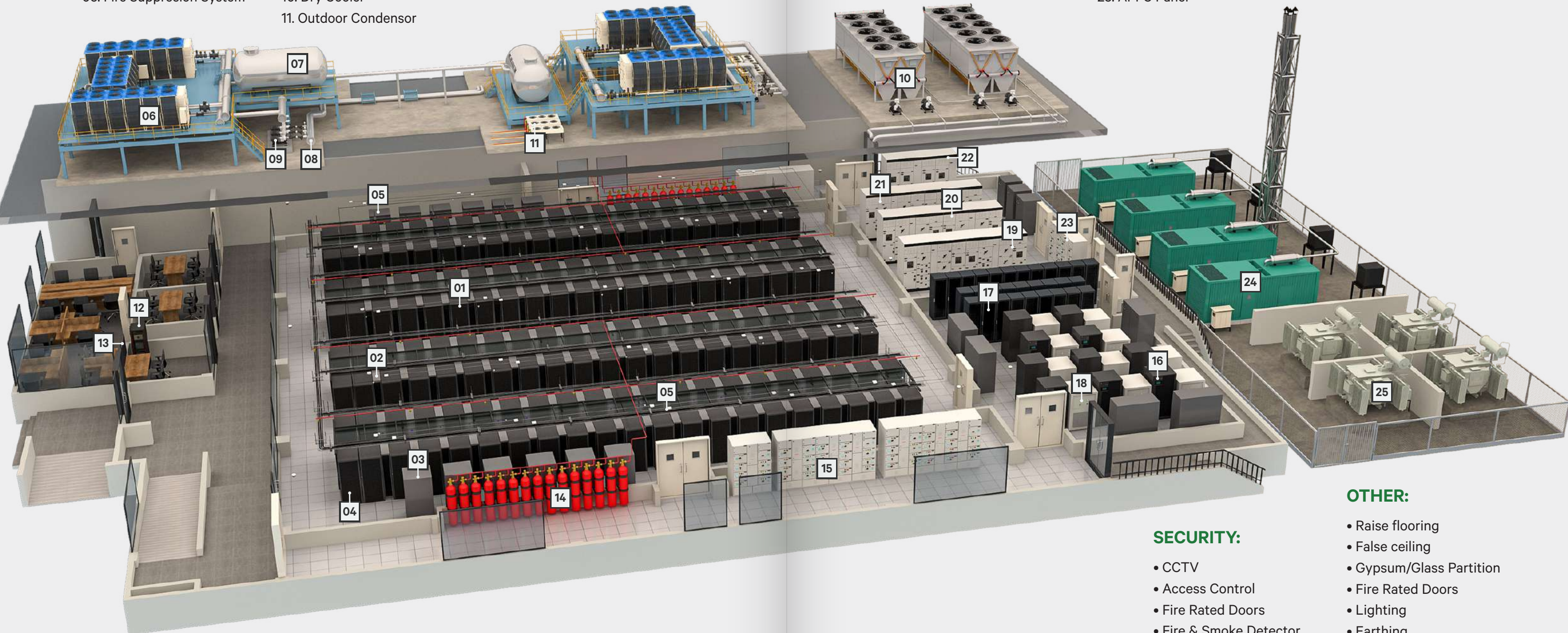15. Main LT Panel

UPS, BATTERY ROOM:

16. UPS
17. Li-ion Battery Racks
18. Isolation Transformer

ELECTRICAL ROOM:

19. Main Electrical Panel
20. UPS output Panel
21. DG Synch. Panel
22. LT Panel
23. APFC Panel

OUTSIDE:

24. DG set
25. Transformer

SECURITY:

• CCTV
• Access Control
• Fire Rated Doors
• Fire & Smoke Detector

OTHER:

• Raise flooring
• False ceiling
• Gypsum/Glass Partition
• Fire Rated Doors
• Lighting
• Earthing

EDGE CENTER-CONTAINERIZED
DATA CENTER SOLUTIONS

In order to keep up with the fast-paced technological advancements, all things around us need modifications to work faster and more efficiently, and that too having it as compact as possible. And data centers are no different.

But, buying or upgrading a data center can be an arduous task for an organization due to some prominent factors like **PRICE, PLACE, PROGRESS,** which we call as **P3**.

Yes, these 3 elements play a vital role in the decision making of buying or even upgrading a data center for any organization, as these elements of P3 eventually impacts every organization and their business structure as a whole.

By PRICE, we mean the Budget; PLACE refers to the area/location (at your end or vice versa) where you want the product to be installed/delivered or service to avail; And PROGRESS means if that product or service gets updated or upgraded keeping its quality intact, with the advancement of your business.

Prasa, with its significant 29+ years of experience in the data center industry, understands the intricacies of an organization and the criticalities of their business. Hence, Prasa focuses on all the elements of P3 to deliver the best possible data center solution to its customers and that is Prasa Containerized Data Center Solution.

Prasa's containerized data center solutions are a viable alternative to traditional data center deployments for organizations of this millennial era. Our containerized data centers drive a company's growth with its following features.

Let deep diveon how Prasa containerized data center solution is considered best in the market and how it helps to grow a company and supports in maintaining your organization pace.
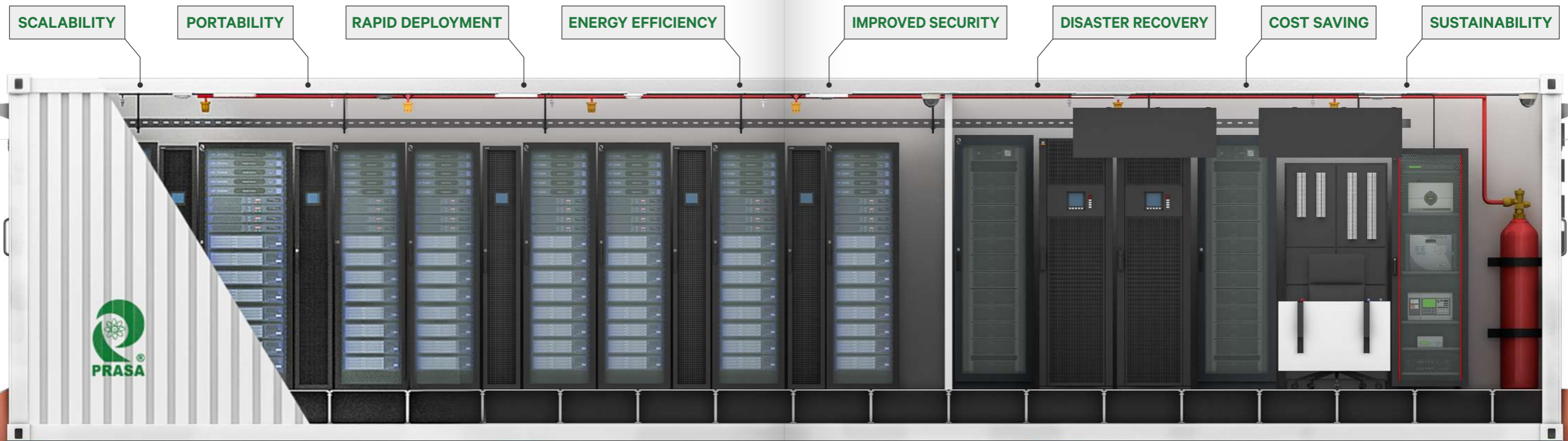
With our containerized data center solutions, we ensure quick deployment of prefabricated data centers that are compact, fast, efficient, and reliable. These data centers come in an all-in-one box that delivers unparalleled flexibility, energy efficiency, great cooling, scalable capacity and better PUE.

If you have very little or no space to dedicate to a data center in your organization, this is the best option for you. The containerized data centers that we provide are basically data centers in a box that

encapsulate integrated rack systems, power systems, cabling systems, cooling systems, fire-fight systems, and other prefabricated electrical and mechanical systems.
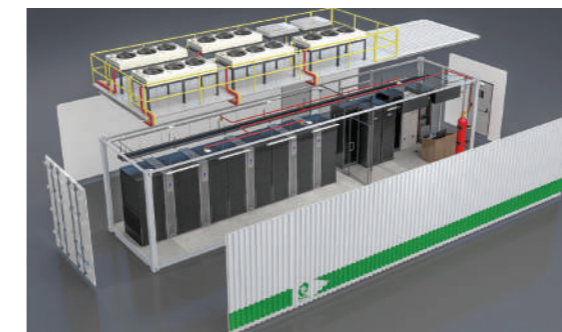
After discussing your requirements, we can implement it at your specified site at the earliest. The best part is that these are portable, so you can easily move them as per your requirements. We ensure that these data centers are thoroughly tested before delivery as well as after deployment by our skilled professionals. Our containerized data centers are designed in such a way that they can be expanded easily, horizontally or vertically, optimizing the required storage space.

SCALABILITY | PORTABILITY | RAPID DEPLOYMENT | ENERGY EFFICIENCY | IMPROVED SECURITY | DISASTER RECOVERY | COST SAVING | SUSTAINABILITY

SUSTAINABLE DC COOLING SOLUTION
LIQUID IMMERSION COOLING

Redefining the Efficiency and Sustainability of Data Center Cooling

GRC | GREEN REVOLUTION COOLING
The Immersion Cooling Authority™

PRASA

mPUE <1.03

Micro-Modular, Rack-Based Immersion cooling system for Enterprise Data Centers:

- Increases cooling performance up to an amazing **368 kW***
- Cuts cooling energy by up to **95%**
- Reduces TCO up to **44%**
- Delivers an outstanding **mPUE of <1.03**
- Conserves water and power - **Be Greener!**
- Decreases compute footprint dramatically
- Works with all major OEM servers

LIQUID IMMERSION COOLING SOLUTIONS:

ICEraQ®
Micro-Modular, Rack-Based Immersion-cooling system for Enterprise Data Centers

HashTank®
Plug and Play Modular Data Center for any Environment

HashRaQ®
Micro-Modular, Rack-Based Immersion-cooling system for Blockchain Data Centers

ICEtank®
Turnkey, HashRaQ Data Center Designed for the Harshest Environment.

Cost-Effective | Future Proof | Scalable | Agile | Resilient | Efficient

SERVICES
BY PRASA
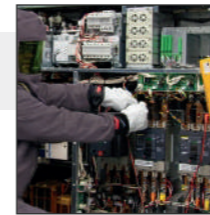
ELECTRICAL SYSTEMS

- UPS & Battery
- Transformers
- Main Low-Voltage Switch Board
- Distribution Boards
- Lighting Fixture & Control (Dimmer, Timer, Sensor, etc.)
- Emergency & Exit Lighting
- Wiring Device & Earthing
- Other Small Powers (Switches, Sockets, Outlets, Cable Connections, etc.)

MECHANICAL / COOLING SYSTEMS

- Drip / Drain Pans
- Chillers
- VFD-Variable Frequencies Drive
- Precision Air Conditioners
- Fan Coil Units (FCU) Plumbing, Drainage Duct
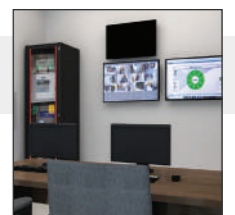- Chillers, Pipe work Valves & Strainers
- Grills, Diffusers & Filters
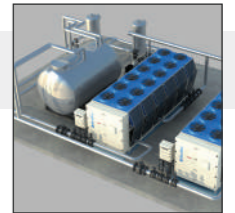
FIRE SERVICES

- Fm200 System / NOVEC 1230 Suppression System
- VESDA System
- Detectors, Alarm Bells & Buzzers
- Fire Extinguishers

MONITORING / IBMS / DCIM

- Environmental Monitoring System
- Surveillance System
- Water Leak Detection System
- Access Control System / Instruder Alarm System

DATA CENTER
UPTIME SERVICES

Comprehensive maintenance services by Prasa to support your critical power and environmental infrastructure. We provide the resources to ensure your critical equipment/ systems are managed and maintained well, giving you the confidence that your company is receiving the optimum protection it needs from factors that threaten to halt your normal business operation.
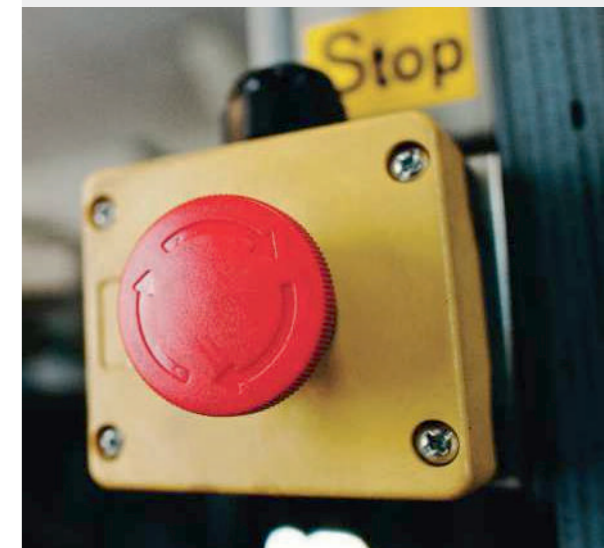
As your business partner, we will manage all your facility-related vendors and give you access to:

- OEM Trained & Certified Engineers
- Extensive Technical Support Team
- 2 Hours of Guaranteed Response Time
- Emergency Call Escalation procedures
- Multi-tiered Spares Availability
- Standby Machines for Un-rectifiable machine failures

CONSULTANCY
SERVICES

Prasa provides full-fledged data center consulting, engineering & designing services specializing in each of these verticals:

Site Selection

Structural Engineering

Mechanical Design & Engineering

Architecture

Plumbing & Fire Protection Systems Design

Networking

Electrical Design & Engineering

Security Systems Design

Operation & Maintenance

In addition, Prasa is extensively involved in the renovation and upgradation of existing data centers as well as the design of new facilities. In each case, we are instrumental in integrating innovative support infrastructure solutions including:

- Cable Pathway
- Access Control Systems
- KVM & Remote Access Systems
- Integrated Infrastructure Systems
- Battery Systems
- UPS & Power Distribution
- Computer Room Air Conditioning

- Network & Security Infrastructure
- Generator & ATS
- Server & Storage Systems
- CCTV & IP-Camera Systems
- Environmental Monitoring Systems
- Structured Cabling
- Cooling Distribution systems

- Racks, Cabinets & Accessories
- Cable Management
- Leak Detection Equipment
- NOC, Console & Technical Furniture

MISSION-CRITICAL
EQUIPMENT SERVICES

Prasa's Electrical Reliability Services is an authorized Vertiv service provider with access to their OEM parts, technical support, and design engineering resources. With this expertise, Prasa provides solutions for Chloride, Custom Power, and other critical manufacturer's emergency power system. Prasa offers a wide variety of services to ensure these systems are performing properly and will support the critical load when power is interrupted.

- **Startup and Commissioning Services**
- **Maintenance & Testing Services**
- **Life-Extension Services**
- **Battery Replacements**
- **Emergency Services**

PQA &
THERMOGRAPHY

The Power Quality Audit (PQA) is a service offered by the Prasa's technical support center that checks the reliability, efficiency, and safety of an organization's electrical system. It verifies the following aspects:

- **The continuity of the power supply:**
- **The quality of the voltage**
- **Prasa's PQA final report provides you a complete picture of your electrical system's correct state of operation.**
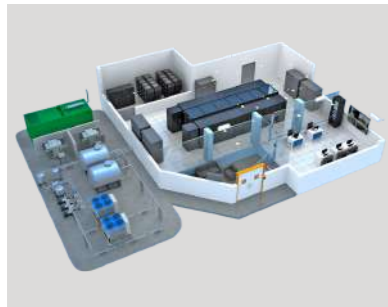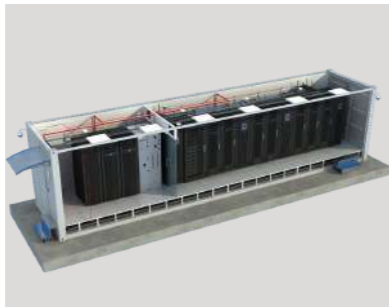
DATA CENTER
MONITORING & FACILITY SERVICES

Prasa helps you take total control of your data center, simplify your operations and ensure higher reliability. With our data center monitoring solutions, we make sure that your current infrastructure is up and running at its best in terms of performance and energy efficiency in appropriate environmental conditions.

24/7 on-site facility management services.

BUSINESS UNITS
OF PRASA

TurnKey Data Center Build Solutions

Edge Center-Containerized Data Center Solutions

Skid | Modular Data Center Solutions

Data Center Monitoring Solutions

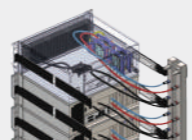**Critical Power Infra Solutions**

Service: • AMC • Mission Critical Facilities Management Services

Future Ready Cooling Technology Solutions

Liquid Immersion Cooling Solutions (LIC)

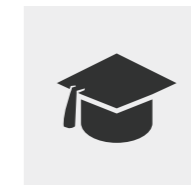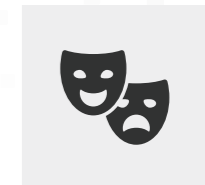**Direct Contact Liquid Cooling (DCLC)**

Cool-IT

SECTORAL
PRESENCE

At Prasa, we emphasize driving results. We have served hundreds of happy clients across various industries with our IT infrastructure and power solutions. A glance at few of the industry verticals we serve.
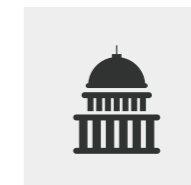

Colocation DC

Media & Entertainment

Education

Banking, Financial Services & Insurance

Government & Public Sector Units

Manufacturing & Industrials

IT & ITES

Healthcare

CLIENTELE
OF PRASA

A Glimpse of some of our esteemed Partners who Trust us to keep Their Critical Infrastructure ON!

BANKING, FINANCIAL SERVICES AND INSURANCE

NSE | BAJAJ FINSERV | SEBI | केनरा बैंक Canara Bank
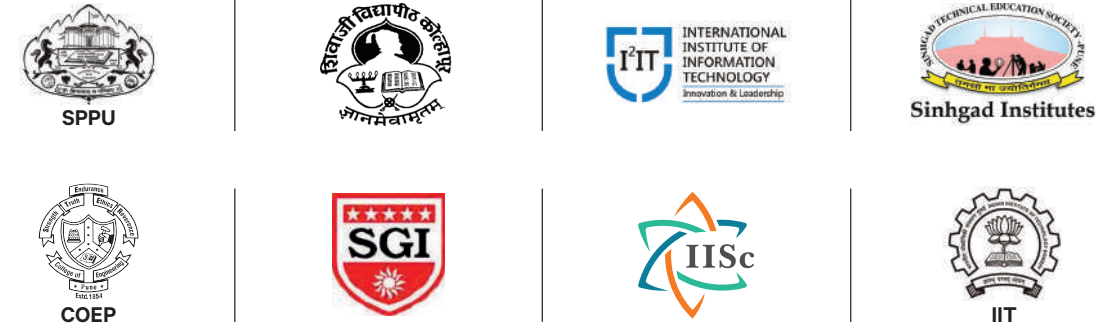
Edelweiss Ideas create, values protect | HDFC BANK We understand your world | IndusInd Bank

GOVERNMENT & PUBLIC SECTOR UNITS

IITM | CDAC | IndianOil | NCMRWF | DRDL | NCRA · TIFR

INDIAN ARMY | IPR | IISER | CIRT Excellence in Transport | CSIR

MANUFACTURING & INDUSTRIALS

SIEMENS | Cummins | TATA MOTORS | BAJAJ | Mahindra | MITSUBISHI ELECTRIC

PHARMA & HEALTHCARE

Cipla | LUPIN | teva | BH BHARATI HOSPITAL | GE Healthcare | DMH

EDUCATION

SPPU | | IIIT INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY Innovation & Leadership | Sinhgad Institutes

COEP | SGI | IISc | IIT

IT & ITES

CRAY | technicolor | Rakuten | DELL Technologies

jio | ACT FIBERNET | SYNTEL Consider IT Done | DataDirect NETWORKS

Persistent | TECH mahindra | aurionpro

PRASA'S PRESENCE
IN INDIA

Head Office (Pune):
001, Casablanca Building, Sangam Press Road, Kothrud, Pune, Maharashtra 411038
+91-2025446690 | +91-2025434958
prasapune@prasa-pl.com | enquiry@prasa-pl.com

Admin Office (Pune):
Unnati, Sr. 4A+4B, Paud Rd, Lokmanya Colony, Kothrud, Pune, Maharashtra 411038

New Delhi
Ahmedabad
Pune, Mumbai, Kolhapur
Hyderabad
Bengaluru

PRASA ®

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