



Delivering IT Infrastructure and
managed Technology Solutions
that help businesses scale
with confidence.

ESSEM AG

Where Technology Meets Reliability

www.essemag.in

ABOUT US

We are a technology-driven organization delivering comprehensive IT infrastructure, security, and enterprise technology solutions. With strong domain expertise and a customer first approach, we enable businesses to build resilient, scalable, and future ready technology environments. Our services span from end user computing and enterprise IT infrastructure to advanced data security and full scale data center solutions.

OUR VISION

To be a trusted technology partner that empowers organizations with secure, reliable, and high performance IT ecosystems, supporting long term growth and operational excellence.



OUR MISSION

- Deliver best in class IT and data center solutions aligned with business objectives.
- Provide proactive support and lifecycle management for uninterrupted operations.
- Implement secure, scalable, and future ready infrastructure using industry best practices.

Why ESSEMAG?

- CUTTING EDGE TECHNOLOGY SOLUTIONS
- CONSULTING APPROACH
- EXPERTISE IN PROJECT MANAGEMENT
- POWER OF PARTNERSHIP
- SINGLE POINT OF CONTACT
- CERTIFIED RESOURCES
- 24 X 7 BUSINESS CONTINUITY
- HIGHLY COMMITTED CORE TEAM
- VALUE FOR MONEY PROPOSITION

CORE SERVICES OFFERINGS

- Infrastructure Hardware
- Enterprise IT Solutions
- Information & Data Security Solutions
- Data Center Solutions & Services
- IT Infrastructure Support & Maintenance Services
- Printers & Imaging Solutions
- Audio Visual & Video Conferencing Solutions



INFRASTRUCTURE HARDWARE

Desktop & Computing Solutions: end to end supply, deployment, and support for:

- Desktop Computers, Business Laptops, Notebooks, and High Performance Workstations
- Custom built PCs and Thin Clients

Our solutions are designed to ensure optimized performance, seamless integration, and long term reliability for organizations of all sizes.

ENTERPRISE IT SOLUTIONS

Our infrastructure solutions are aligned with operational needs, security requirements, and business growth plans.

We specialize in designing, deploying, and managing secure and scalable enterprise infrastructure:

- On Premise IT Infrastructure
- Cloud Ready Infrastructure
- Storage, Backup, and Disaster Recovery Systems
- Server and Desktop Virtualization Solutions
- Remote Monitoring and Management Services

IT INFRASTRUCTURE SUPPORT & MAINTENANCE SERVICES

Our dedicated technical team ensures fast response times, proactive issue resolution, and maximum system uptime.

Comprehensive support services cover the complete IT lifecycle:

- Installation and Configuration of IT Equipment and Devices
- On Site Support (Facility Management Services – FMS)
- Annual Maintenance Contracts (AMC)

DATA CENTER SOLUTIONS & SERVICES

Our data center services are designed to deliver high availability, scalability, operational efficiency, and regulatory compliance.

Data Center Consulting & Design – We provide expert consulting and end to end data center design services:

- Requirement assessment and capacity planning
- Site evaluation and feasibility studies
- Tier based data center design (Uptime/TIA standards)
- Power, cooling, space, and redundancy planning
- Energy efficient and green data center designs

DATA CENTER ERECTION & IMPLEMENTATION

Our team manages complete data center build out and execution:

- Electrical, and Structured Network Cabling
- Power systems: UPS, PDU, and electrical panels
- Precision cooling systems and airflow management
- Fire detection and suppression systems
- Physical security and access control systems



DATA CENTER INSTALLATION & INTEGRATION

We ensure seamless deployment and integration of all data center components:

- Server, storage, and network equipment implementation
- Rack mounting and structured cabling
- Integration with enterprise IT and cloud environments
- Testing, commissioning, and performance validation

DATA CENTER MAINTENANCE & OPERATIONS

We offer comprehensive operations and maintenance services to ensure continuous uptime:

- Preventive and corrective maintenance
- 24x7 Remote Monitoring / On-Site monitoring and support
- Capacity optimization and expansion support
- Compliance audits and documentation

Information & Data Security Solutions – We help organizations protect digital assets and maintain cyber resilience through multilayered security strategies.

ENDPOINT & DEVICE PROTECTION

- Endpoint Protection Platforms (EPP)
- Mobile Device Management (MDM)
- Patch and Vulnerability Management

Data Security, Backup & Recovery

- Data Encryption (At Rest and In Transit)
- Automated and Hybrid Backup Solutions
- Disaster Recovery and Business Continuity Solutions
- Anti-Virus, Anti-Ransomware Protection with Immutable Backups Identity, Access & Authentication Management
- Role Based Access Control (RBAC)

Secure Networking & Zero Trust Architecture

- Zero Trust Network Access (ZTNA)
- Network Segmentation and Micro Segmentation





AUDIO VISUAL & VIDEO CONFERENCING SOLUTIONS

Our AV solutions improve productivity and create seamless, technology enabled meeting spaces.

Design and deploy integrated AV environments to enhance collaboration and Communication:

- Video Conferencing Systems
- Interactive Smart Boards
- Conference Room AV Setup
- Projectors and Video Wall Systems

PRINTERS & IMAGING SOLUTIONS

Our services ensure consistent performance, reduced downtime, and optimized printing costs.

We offer authorized supply and service support for all types of printers:

- Laser, Deskjet, and Ink Tank Printers
- Products from leading brands such as HP, Canon, and Epson
- Genuine toner cartridges and ink supplies
- Annual Maintenance Contracts (AMC) for printing infrastructure



CONCLUSION

By combining enterprise IT expertise with specialized data center design, implementation, and managed services, we act as a single, reliable technology partner. Our solutions help organizations reduce risk, optimize performance, and build a strong foundation for digital growth.