

Colocation Use Cases

Datacentre colocation works like this: instead of housing servers in its own private datacentre, an organization houses them in a datacentre owned and managed by a colocation provider like Esecure. You retain all management control over your servers, but building management (including physical security and network connections), power, and cooling are managed by Esecure. The datacenter would also provide add-on services that help remove the burden on customers, including networking services, design and architecture consulting, remote hands, and web hosting expertise.

Benefits of Esecure Colocation

Esecure offers enterprise-ready space, power and cooling in a secure, highly-available datacentre facility giving you the foundation and support you need for your business applications, systems and data.

- Redundant high-density power circuits to the cabinets
- Dedicated Uninterruptable Power Supply (UPS) to cover power disruptions
- Generator farm to keep clients running for extended power outages
- Multiple bandwidth carriers providing connectivity and diverse Internet coverage
- Future-proof and designed for future cloud and server platforms

Common Use Cases

1. Greater scalability – Leading research firm Forrester calls scalability one of the top benefits of colocation. “Additional capacity can be brought on quickly, cheaply, and only as needed versus having to build out additional facilities with expensive capital costs.” Similar to Forrester, TechRepublic reaffirms: “The common IT case for data center colocation is that you can scale out your data center quickly, and **at 20 percent of the cost that it would take to construct your own data facility.**” This is an attractive proposition for any business and IT department that needs to closely watch budgets while being able to rapidly scale IT up or down, depending on the needs of the business.”

2. Lower total cost of ownership (TCO) – Organizations can typically colocate their datacentre for a much lower total cost than they could if they built and maintained a private datacentre. In the last year, Forrester released the results of research into the total cost of ownership associated with building a traditional raised-floor datacenter verses datacentre colocation. The research group found that datacentre colocation has significantly lower costs than a traditional build (37-52 percent lower net present value cost).
3. Disaster Recovery (DR) Solutions – Colocating provides a real-time capability to setup a disaster recovery solution in a diverse or secondary location. You can immediately backup your critical data into a secondary location, create a secondary site for remote users, mirror environments for a hot or cold DR scenario, and/or use Esecure for archival storage.
4. Sustainable Infrastructure - colocating with Esecure enables a business to maximize control over its datacentre infrastructure. From maintaining, testing, and replacing UPS systems, to offering high-level, accredited security, to investing in green technologies, colocation providers offer cost-effective, sustainable infrastructure within a controlled environment. Cloud solutions don't offer that same level of control, and a similar infrastructure within an in-house or company-owned facility would be much more expensive and difficult to maintain.
5. Compliance, Support & Security – Meet corporate governance and regulatory requirements easily by colocating in enterprise-ready facilities that are repeatedly reviewed and tested on a cyclical basis. Esecure has implemented the right controls, processes and procedures to meet client demands for compliance, including compliance with SSAE 16 Type II and ISO 27702 standards. The datacenter is built with industry-best security and support, including around-the-clock human and video surveillance, 24/7 biometric access, fire protection and intervention.

For more information, call 1-800-620-1985 or visit us at
www.esecuredata.com/colocation