



DATA CENTER

TO BUILD OR TO RENT?



Our key learnings

1. The rate at which enterprise data is growing keeps Data Center Managers on their toes. They need to continuously address challenges such as capacity limitations, running out of space, power or cooling and ensuring availability of resources to keep the data centers running 24x7x365
2. Control (facility ownership perception), flexibility (a modular design) & time-to-market (lead time) are the three most important considerations organizations have while taking the Data Center build v/s rent decision
3. It is not always a choice between 100% own (keep in-house) or 100% outsource (opt for rented facility) that's in the interest of business. At times, the most practical solution lies in starting with a small outsourcing engagement & then moving most/all applications to a rented facility
4. A number of business organizations tend to ignore the fact that team to manage & run their corporate data center is equally important to ensure uninterrupted business operations

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The case for Colocation

Colocation providers offer a purpose-built facility for enterprises to place their business-critical IT equipment

Colocation providers build their facilities to ensure 100% uptime, security and reliability

The right colocation provider offers a cost-effective, safe & permanent solution to businesses of almost all sizes

Misconceptions such as:

- Colocation is costlier than building your own data center
- My employees will lose their jobs and
- Colocation providers have a lot of hidden terms & conditions

are addressed by the right colocation provider

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The case for Colocation

	NourNet Data Center Colocation	Constructing your own Data Center
Initial Expenses	<ol style="list-style-type: none">1. Migrating your existing servers to NourNet data center colocation facility	<ol style="list-style-type: none">1. Get architects/engineering consultants2. Acquire land/space in a building3. Cooling, power & backup generator4. Heating, ventilation & air-conditioning sizing & considerations5. Installation security systems6. Get electrical systems installed7. Get static discharge protection8. Install fire detection & suppression system9. Install cross-connect10. Get cabinets & cages installed11. Get cages

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The case for Colocation

	NourNet Data Center Colocation	Constructing your own Data Center
Ongoing Expenses	<ol style="list-style-type: none">1. All inclusive colocation facility rental charges	<ol style="list-style-type: none">1. Hire/train staff to manage data center2. Integrate technologies3. Facility upkeep & on-going maintenance4. Building monitoring systems5. Salaries: security staff, data center technicians, NOC team6. Power management: UPS, generator, transfer mechanism/switches7. HVAC maintenance8. On-going repairs

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**REASONS WHY YOU SHOULD
OPT FOR NOURNET**

COLOCATION SERVICES



1 Reduced IT infrastructure & management costs

NourNet colocation services come at zero capex to you – this means that all the budget you had set aside for building your own data center could be used elsewhere.

We offer a turnkey solution inclusive of all equipment, data center environment and associated management/monitoring services so that you focus on your business without having to both about your IT infrastructure

Our colocation services are a more cost-effective option than retrofitting or expanding your own data center as your capacity, power or cooling needs grow

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2 Power capacity & redundancy

Our carefully designed data centers ensure uninterrupted power supply to your equipment collocated in our facilities.

Deploying world's best technologies, we provide access to a more robust power-per-square foot ration than most data centers in the Kingdom.

Our data centers are served by 2 power feeds¹ through two different feeds from SEC. This ensure that we're able to offer you strong service level agreement (SLA) to ensure that your equipment keeps running optimally & uninterrupted.

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3 Reliability & uptime

We maintain 100% network reliability – something that is critical for your business continuity.

Ours is the only truly carrier-neutral Data Center facility which is served by fiber from 3 telcom operations.

Our Data Centers deploy N+1 facilities to ensure uptime of our core services. If you were to do that, it will be difficult and costly to maintain in your private data center environment.

Our network configurations are all designed to deliver reliability and availability.

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4 Robust, redundant & affordable bandwidth

Our core MPLS network – which is at the heart of all that we do – is Saudi Arabia’s most robust, redundant & reliable network. It enables your offices from across the Kingdom & abroad to access your servers/equipment hosting in our Data Center.

Our data centers are served with ample bandwidth so that your remote users never face bottlenecks and your applications perform optimally.

We offer virtual private servers and storage as part of our cloud infrastructure, which become a very economical extension to your hosted equipment.

Since we have multiple customers using our facility, our costs are spread across all of them. Hence you’re able to take advantage of volume pricing without having to negotiate and manage multiple contracts and service agreements.

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5 24x7x365 support

You have the option to either maintain your equipment or use our remote-hands service to supplement maintenance and management of servers and equipment.

Our expert IT team is accessible to you 24x7x365, giving you the peace of mind that a professional will always be available to troubleshoot or assist with IT infrastructure – should the need arise.

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6 Security & data protection

We understand that a data breach could spell disaster for your business. That's why we have deployed multiple layers of physical & network security solutions. These include 24/7 onsite security, biometric-only entry, cabinet and cage locks, and camera surveillance.

Data Center building exterior is fully anonymous, no signage placed outside the building, exterior walls are tightly sealed; there are no windows. The building perimeter is bounded by concrete bollards/planters.

For your to ensure such mandatory security standards, it will require significant capital & operational expenditure.

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7 Business continuity & disaster recovery

In case you collocate your backup/disaster recovery setup with us, you gain peace of mind in the event of a natural disaster, power outage, or other unexpected event that impacts your primary place of business.

We offer hot seats of business continuity workspace that could be used by your team in a disaster situation when their primary place of operation becomes unavailable.

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End-to-end converged services

24x7x365 Proactive Monitoring, Management & Reporting

**Managed
IT Services**

**Cloud
Infrastructure**

**Collaboration
Services**

**Security
Services**

Internet & MPLS Connectivity

Primary (Tier-3+) Data Center

Redundant Data Center

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Thank you

