



N. L. Dalmia[®]
**Institute of Management
Studies and Research**
(A School of Excellence of N. L. Dalmia Educational Society)

Information Technology Infrastructure

IT Infrastructure is a major capital investment for the firm. If too much is spent on infrastructure, it lies idle and constitutes a drag on firm financial performance. If too little is spent, important business services cannot be delivered.

HARDWARE

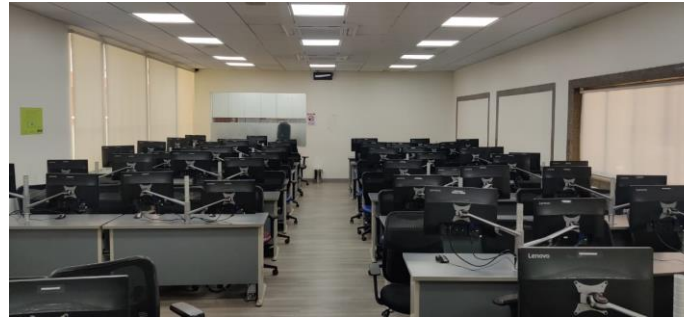


LABS



Bloomberg Labs

Number of Systems: 24
System Model: Lenovo Think Centre M720S
CPU: Core I5 (8th Gen)
RAM: 16 GB
HDD: 1TB HDD
Internal Device :Graphic Card
OS Type: Win 10 Professional



ICT Lab

Number of Systems: 65
System Model: Lenovo Think Centre M720S
CPU: Core I5 (8th Gen)
RAM: 16 GB
HDD: 1TB HDD
OS Type: Win 10 Professional



Digital Lab

Number of Systems: 15
System Model: HP Pro One 240 G9 ALL-IN-ONE
CPU: Core I5 (12th Gen)
RAM: 8 GB
SSD: 512 SSD
OS Type: Win 10 Professional

Configuration & Quantity of Computer Systems

SR.NO	SYSTEM TYPE	DESCRIPTION	SYSTEM MAKE	CPU	RAM	HDD/SDD	OS TYPE	LOCATION	NO. OF SYSTEM
1.	Desktop	ICT LAB	Lenovo	Core i5 (8 th Gen)	16 GB	1 TB/1TB HDD	Windows	Institute	65
2.	Desktop	Bloom Berg Lab	Lenovo	Core i5 (8 th Gen/12 th Gen)	8 GB/16 GB	1 TB HDD/512 GB SSD	Windows	Institute	24
3.	Desktop All In One	Digital Lab	HP	Core i5 (12 th Gen)	8 GB	512 SSD	Windows	Institute	15
4.	Desktop All In One	Classroom	HP	Core i5 (12 th Gen)	8 GB	512 SSD	Windows	Institute	16
5.	Microsoft Surface TAB/ Laptop	Faculty	Microsoft	Core i5 (11 th Gen)	8 GB	256 SSD	Windows	Institute	30
6.	Desktop All In One	Staff	HP	Core i5 (12 th Gen) Core i7 (10 th Gen)	8 GB	1 TB/512 SSD	Windows	Institute	31
7.	Desktop	Staff	Lenovo	Core i5 (8 th Gen) Core i5 (12 th Gen)	8 GB/ 16 GB	512 SSD/ 1 TB HDD	Windows	Institute	4
8.	Desktop	Staff	HP	Core i5 (10 th Gen)	16 GB	500 GB SSD	Windows	Institute	2
9.	Apple Mac	Staff	Apple	Apple M1	16 GB	512 SSD	MAC OS Monterey	Institute	1
10.	Desktop	Staff	HP	Core i5 (4 nd Gen)	4 GB	500 GB	Windows	Institute	1
11.	Desktop	Used as repository server	HP	Core i5 (4 th Gen)	4 GB/ 6 GB	500 GB	Ubuntu	Institute	2
12.	Server	Server Domain	Lenovo	Xeon Bronze 1.70	32 GB	12 TB	Windows	Institute	1
13.	Server	Antivirus	IBM	Xeon 2.5	32 GB	4 TB	Windows	Institute	1
14.	Storewize	Storage	IBM	Na	Na	Na	Na	Institute	1
								Total	

Other Hardware

NLDIMSR

Type	Institute	Balance In Stock	Total
Printers	22	2	24
Copiers	5	1	6
Projectors	19	3	22
Television Screens	23	0	23
CCTV Cameras	188	0	188
DVRs / NVRs	15	0	15
Ceiling / Wall Speakers	123	0	123
Wifi Access Points (APs)	17	0	17
Amplifiers	20	0	20
Biometric (Student Attendance)	10	0	10
Face-reader / Biometric	1	0	1
Thermal camera	2	0	2
Tab	28	2	30

SOFTWARE



■ Software Licenses

Microsoft Sharepoint	NL Dalmia Qualcampus ERP Software	Microsoft Open License - Server CAL	Microsoft Open License - Windows Professional 10	Tally ERP.9	eTDS Express
Microsoft Power Apps for Developer	Microsoft Power Automate Free	Microsoft Stream Trial	Office 365 A1 for faculty (500 offline application license + unlimited web application)	Office 365 A1 for students (500 offline application license + unlimited web application)	Power BI
	SPSS ver 25.0	CorelDRAW Graphics Suite 2021	Adobe Creative Cloud All Apps For HED	MY SQL 2014 – 1 License	

Open Source

Adobe
Acrobat
Reader

UltraViewer

VLC Player

Mozilla
Firefox /
Google
Chrome

Spiceworks IT
Help Desk
Software

Trello

7 Zip, Winrar,
Win Zip

KeePass

Application Software & Services

- Email

Microsoft 365
(Office 365 A1
+ for Faculty &
Students)

Google
Workspace for
Education
Fundamentals

- Video Conferencing

Zoom

Microsoft Teams

- Domain Control Panel

C Panel

OTHER RESOURCES



Internet Service Provider (ISP)

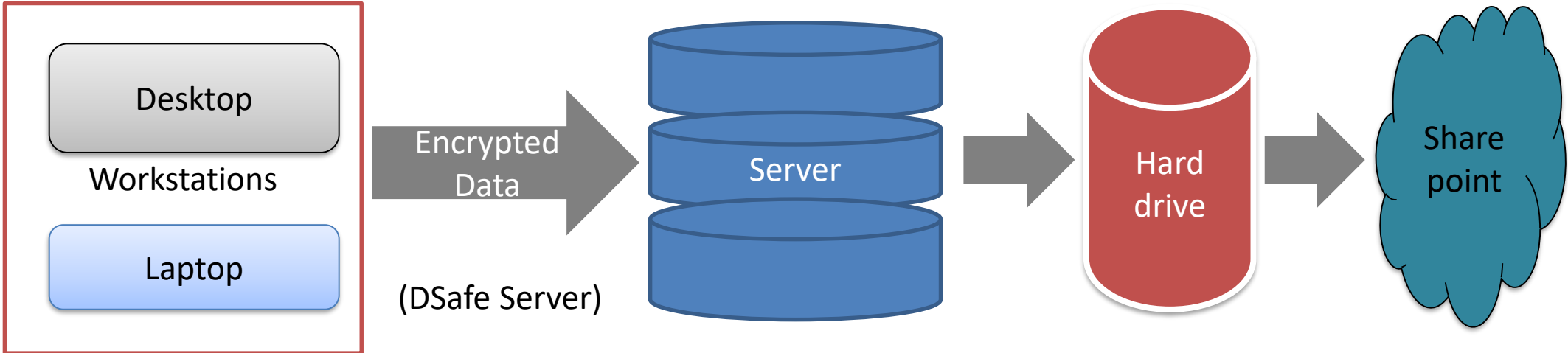
Vendor	Bandwidth (mbps)	Validity (DD/MM/YY)	Renewal Date (DD/MM/YY)
	Institute		
Jio (Leased Line)	100		Monthly
Tata (Leased Line)	100		Quarterly
<i>The above are a combined bandwidth and allocation of bandwidth is being done through firewall.</i>			

Domain-Ownership

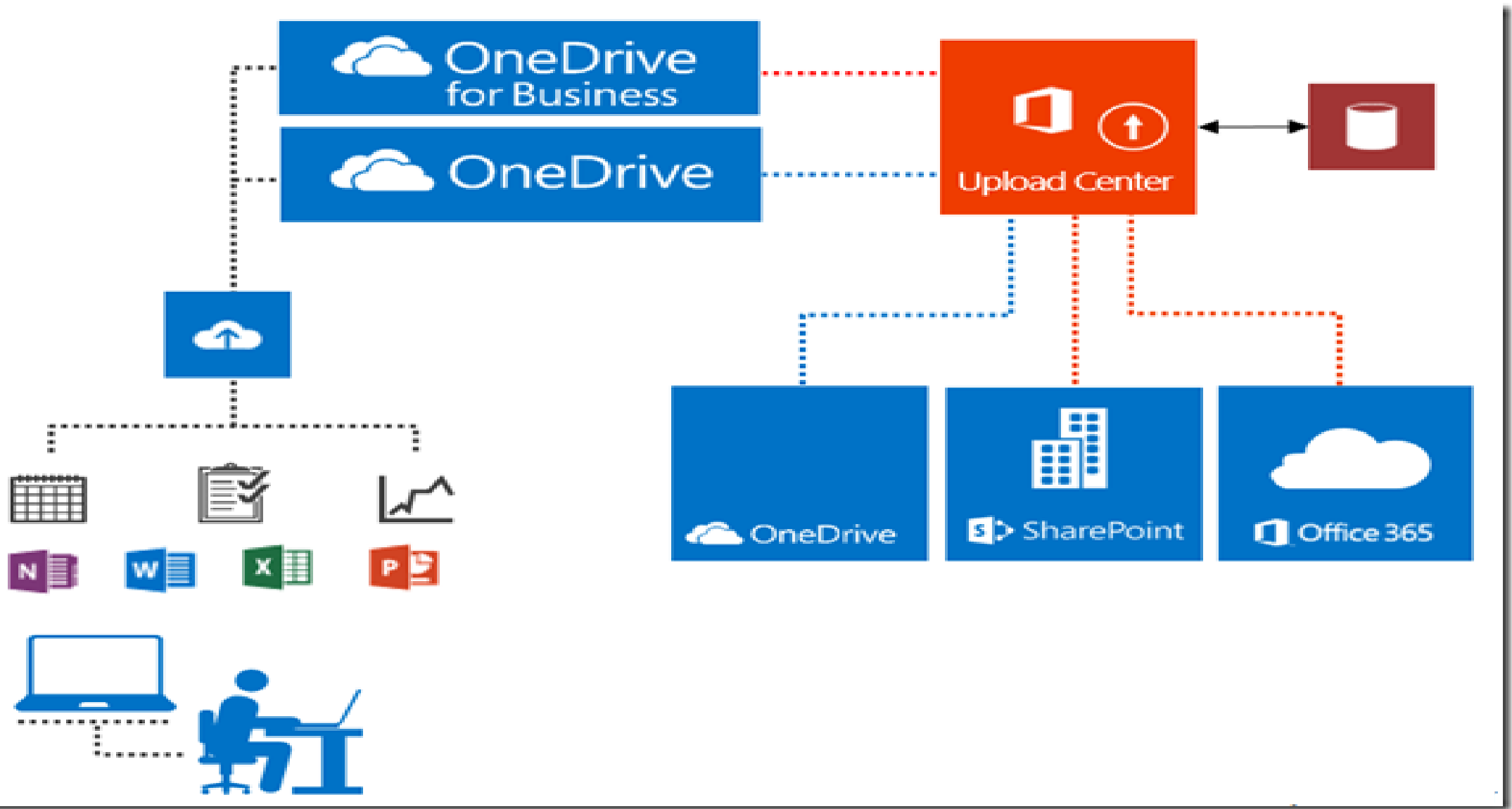
Domain Name	Used by
NLDALMIA.IN	Institute website
Nldalmia.qualcampus.com	ERP Software
DALMIANS.COM	Institute Alumni Portal
NLDALMIA.EDU.IN	Institute Faculty & Students (email)

BACKUP & RESTORE

Data Backup



OneDrive Backup Process



NEW INITIATIVES



LIST OF INITIATIVES TAKEN BY THE DEPARTMENT

INITIATIVES TAKEN

- New projectors installed
- Microsoft Surface Pro for faculty members
- Exercise of Asset Tagging (ongoing)
- A new UPS installed in the Server Room
- Visitor Management with Face Recognition is implemented (with web check-in)
- Hybrid classrooms were set up for Institute
- The Firewall (FortiNet) was stabilized (after testing various scenarios)
- Allocated static IPs to all workstations
- Implemented the ticketing tool for IT Help Desk

NLDalmia Institute

Welcome to the NL Dalmia IT Help Desk.

Log in to submit tickets

Log in

FUTURE PLAN



FUTURE PLAN

- Installation of Latest CCTVs, NVRs & DVRs
- Installation of Switches, TVs, All-In-One Desktops & Multi-Functional Printers.
- Redesign the Network Infrastructure in the Campus using the cisco meraki AP.