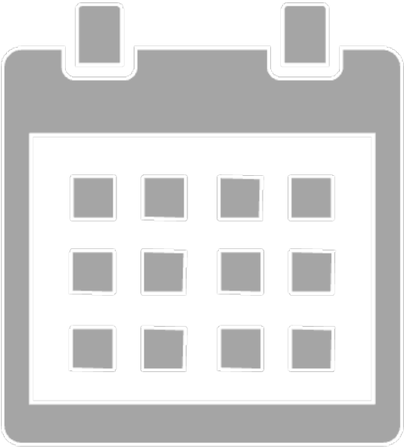
CTL®

DIGITAL TRANFORMATION



Instituted in 1994

OBJECTIVE

"Empower society by delivering state-of-the-art technology solutions that enhance their operations, security, and productivity, enabling them to leverage technology for sustainable growth and success."

Group Companies

asista®

www.asista.com

cherrylabs®

www.cherrylabs.com

CTL®

www.ctl.in

CTL Journey

1994- 1996

Established in 1994 at Mumbai to provide service support to MTNL & HCL

1997 -2001

Got certified by many OEMs. Completed 100 - IT infra Projects like ,M&M, L&T, BSE,BMC, HDFC etc..

2002- 2009

Opened office at Cochin (Kerala) Executed Projects in CIAL, Indian Navy, Shipyard, SIB, Federal Bank etc

2010- 2015

Got ISO , CDCP , CDCS& CDCE Certifications . Completed Cochin airport , HOCL & LULU Mall , Aster Med city Marriott HAL Bangalore DC Projects

2016- 2018

Appointed as IT& ELV consultant by KITCO for the Kannore Airport Project. Completed Grand Hyatt , MVR Cancer center, Rajagiri, Lakeshore Hospital DC & CCTV Projects

2019- 2020

Built ISRO (LPSE) Data Center project. Completed Explosion proof CCTV project for Petronet . Awarded Taj 5 Star Project , Lulu Corporate office DC project. Certified as Milestone certified partner

2022-2025

Awarded Kochi Airport DC Expansion. Shipyard DC and Command control centre project. Adanl Airport Genetec implementatio n project. Adani-TIAL Adani-JIAL Adani-MgIAL IREL-CCTV system LPSE-DC

Service Portfolio

ITeS SYSTEM	SECURITY SOLUTIONS	BUILDING AUTOMATION & CONTROL	AUDIO VISUAL SOLUTIONS	NETWORKING	OTHER SOLUTIONS
Structured Cabling	Command & Control System	Building Management System	Convention Centers	Wired & Wireless Network	Cloud Datacenters
Routing and Switching	Video Surveillance & Analytics System	Fire Alarm System	Auditorium Solutions	Wide Area Networks Voice & Video over IP	Command & Control Centre Design
Servers, Storages and backup solutions	Access Control & Payroll System	Public Addressing System	Board Rooms	Passive Cabling	Nurse Calling Systems
Wired and Wireless LAN	Intrusion Detection & Control Systems	Back Ground Music System	Audio/Video Matrix	Digital Signage	Policy and Process Control Systems
Voice and Data Networks	Personal & Baggage Screening	HVAC Systems	Video and Audio Conference Solutions	N/W & Data Security	Service Desk and Call Centers
Communication and Collaboration and Mobility	UVSS System	Lighting Control System	Professional Audios	Software define Networking (SDN)	Parking Management
ServicesApplication As a Service	Gate / Perimeter	Water Management System	AV Control Systems	Network Function Virtualization (NFV)	Visitor Management
Backup Solutions	Walkie Talkie Solutions	Third Party Integration Systems	BGM & Video Walls	SMART TV/IPTV	Vehicle Tracking
Web and Applications	Other Security Solutions	Emergency Lighting System	Home Automation	Fiber Optics Network	Smart Home
Media Streaming			Digital Signage	NMS	Mobility Services
Communication and Collaboration Services			Multiplex		

Projects 2023- 2025

1. Trivandrum International Airport Ltd	IT &CCTV surveillance system
2. Jaipur International Airport Ltd	IT &CCTV surveillance system
1. Cochin International Airport Ltd.	Networking,Data center,ELV
2. Mangalore International Airport	IT &CCTV surveillance syste
3. Kannur International	ELV system Consultant
4. Cochin Shipyard Ltd.	Data Center,ELV
5. VSSE	FTT networking
6. ISRO-LPSE	Data center
7. Cochin Cancer centre	Fire alarm System,ELV
8. Taj Banasura.	Networking,ELV
9. Taj Munnar	ELV systems
10. Tamara Leisure Experiences Pvt Ltd	ELV systems
11. Bhīma Corporate office	ELV systems
12. Lisie Hospital	Data center,ELV
13. Renai Medcity	Data Center
14. Kottayam Medical College	Fire alarm System
15. PVS Hospital	Data center
16. Kerala IT Mission	Data center
17. Federal Bank Ltd.	IT &Data center
18. South Indian Bank	IT&Data center

Past MajorProjects

	Customer Name	Area	Services	Value	Status
1	Lulu mall	20 Lakh Sq Ft	Supply Instalation and commissioning of data,voice,CCTV,PA systems and smoke detection systems Etc…	Rs. 60 million	Handed Over
2	Marriott City Hotel	4 lakh Sq Ft	Supply Instalation and commissioning of data,voice,CCTV,access control systems,Complete fiber,UTP structured cabling and Data Center	Rs 50 million	Handed Over
3	Aster Medicity DM Health Care	8 Lakh sq ft	Data Center build - & Addressable fire detection systems including Data center build	Rs. 20 Million	Handed Over
4	Rajagiri Medical Colleged	5 Lakh Sq Ft	Complete passive systems for, BMS Data,voice,Wifi,BMS,PA,Access control CCTV and infra build for Data center	Rs. 25 Million	Handed Over
6	Cochin International Airport	8 Lakh sq ft	LAN,WAN Datacter and DR Build	Rs. 20 Million	Handed Over
7	Y Mall - Triprayar	4 lakh Sq Ft	Data,Voice,CCTV PA Systems	Rs. 10 Million	Handed Over
8	Hyatt -& International Conventional center Bolgatty	15 Lakh Sq ft	Complete IT & ELV	Rs 100 Million	Handed Over
9	MVR Cancer Center	15 Lakh Sq Ft	Complete ELV (Data,CCTV,, Security systems Data Center,BMS , PA Systems)	Rs.50 Million	Handed Over
10	Taj Banasura	NA	Complete IT & Voice	Rs. 30 Million	Handed Over
11	LPSC (VSSC)	NA	Data center infra build including all components, electrical, BMS, Access Control,CCTV, cooling,Security Etc.	Rs. 27 Million	Handed Over
12	LULU Corporate office	NA	Data center infra build including all components like ,BMS,Access Control,CCTV,cooling,Security Etc at DC.	RS 25 Million	Handed Over

AIRPORTS

TRIVANDRUM

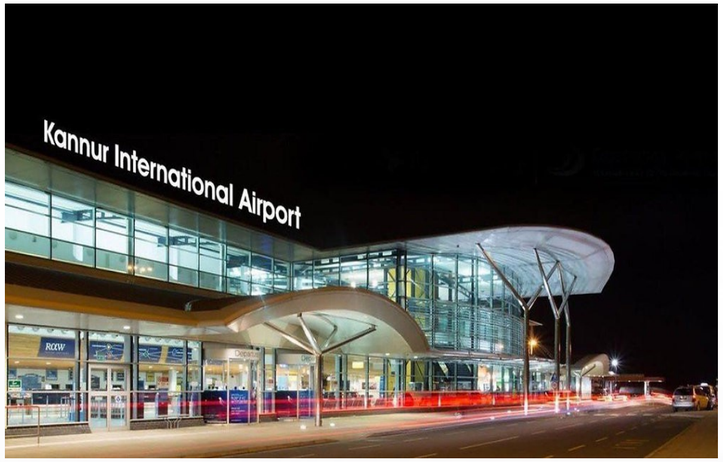
JAIPUR

MANGALURU

COCHIN

CALICUT

KANNUR



COCHIN SHIPYARD LIMITED

Taj Bansura Wayanad - Handed over in 2022

Tamara Hotel - Coimbatore - Handed Over in 2023

Taj Munnar Handed Over in 2024

Taj CIAL-Handed over in 2024

Hospitality

GRAND | HYATT
KOCHI BOLGATTY

MARRIOTT
KOCHI

Courtyard Marriott
@ Kochi Airport, Kerala

HYATT
THRISSUR

Olive
DOWNTOWN

LuLu
Flight Kitchen

HOTEL DIPLOMAT

HOTEL
MIRADOR

LADDER

Healthcare

Aster Medcity

Rajagiri Hospital

vps | lakeshore

MVR CANCER CENTRE & RESEARCH INSTITUTE

PUSHPAGIRI MEDICAL COLLEGE HOSPITAL

St George's Hospital

CERTIFICATIONS

Honeywell | HBT – India Buil

Factory Training Certificate

This is to Certify tha

Jithin Alex Abraham

has successfully completed the training course on

LJ0T10E9 07YX LIHYERISITY —NFS7-640 6FS2-3030, 0AC &HETWORKING

at Hon «II Office° 'Gurgaon.:

Course Date: October 13th, 2017

D#HBT/FAS/NOT/OCT17/5

NOT IF IE R'
by I-Honeywell

Training Manager

cisco Meraki

WE ARE PLEASED TO RECOGNIZE

Certified Meraki Networking Associate

Awarded on 9/16/2021

epi

Protecting your interests

CERTIFICATE OF ACHIEVEMENT

EPI hereby certify that:

HABEEB THANGAL

irements

CDCS

CERTIFiED DATA CENTRE SPECIALIST

THIS CfiRTT?:MTE WAS AWARDED IN

INDIA

JUNE 7, 2011

EXIN

epi

Protecting your interests

CERTIFICATE OF ACHIEVEMENT

HABEEB THANGAL

Has successfully passed the exam requirements

CDCE

CERTIFIED DATA CENTRE EXPERT

TH•iS MRTIFICATE N M AWARDED !N

NOVEMBER 25, 2011

EXIN

MORLEY IAS
FIRE SYSTEMS

by Honeywell

Certificate of Training

This is to Certify that

Habeeb Thangal
CTL Infocom Pvt. Ltd.

has successfully completed a Technicol Training Course

Course - A, Range

Presented: April 07, 2011
Expires: April 06, 2013
ID # M-1411-212-A

Technical Manager

Honeywell

Training Certificate

This is to Acknowledge that

Michun CP

(ETLInfocom Pvt Lt4.)

has successfully completed the online training course on

HoneywellWEBS N4

Trainer
HBT India Buildings

Serial No.: ID#HBT/BMS/WEBS/SEP20/2

Validity – 24 months from date of training

This certificate is immediately rendered invalid should the employment of the recipient of this certificate with the above-named company be terminated for any reason. This certificate is immediately rendered invalid should the distributorship of the above named company be revoked for any reason.

epi

Protecting your interests

CERTIFICATE OF ACHIEVEMENT

EPI hereby certify that:

HABEEB THANGAL

Has successfully passed the exam requirements
and is therefore duly recognized as a:

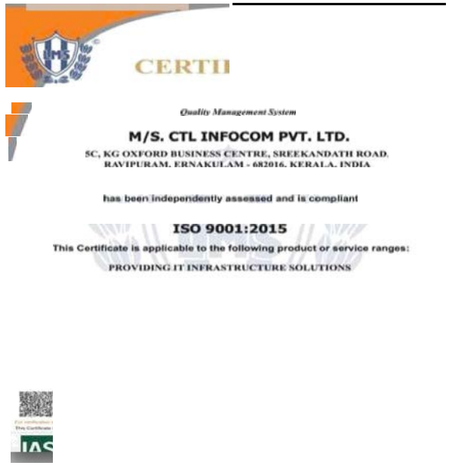
CDCP

CERTIFIED DATA CKMTRE PROFESSIONAL

THIS CERTIFICATE WAS AWARDED IN
INDIA
APRIL 6, 2011

Bicsi

EXIN


CERTII

Quality Management System

M/S. CTL INFOCOM PVT. LTD.

SC, KG OXFORD BUSINESS CENTRE, SREEKANDATH ROAD,
RAVIPURAM, ERNAKULAM - 682016. KERALA, INDIA

has been independently assessed and is compliant

ISO 9001:2015

This Certificate is applicable to the following product or service ranges:

PROVIDING IT INFRASTRUCTURE SOLUTIONS

IAS

Trained ce1ified team

R&M

Convincing cabling solutions

Certificate

This is to certify that

Habeeb Thangal
CTL Systems
400012 Mumbai / India

has successfully participated in the 'R&M freenet Installer Training'.
This certificate allows him to bear the title

R&M freenet Certified Installer

Wetzikon, 07 March 2002
Reichle & De-Massari AG

Kyriakoßia Topaloudis
Certification Program Manager

Sinha Rajendra
Instructor

Diploma

tyco / Electronics

AMP NETCONNECT

Certificate No. 9148407061139

THIS DIPLOMA IS AWARDED TO

MR. HABEEB THANGAL

of

CTL INFOCOM PVT. LTD.

WHO HAS SUCCESSFULLY COMPLETED THE COURSE ON

CERTIFYING & TROUBLESHOOTING
LAN CABLING SYSTEMS
(P/N.1-396008-8)

HELD FROM JULY 20 to JULY 21, 2006

K.K.BHATT-DIRECTOR, SALES
MSD-INDIA

BHUPENDRA K. KANE
FACULTY

AMP

KRONE

Certificate of Competency

This ce tifies that Habeeb Thangal, CTL Systems

is a

KRONE Master Installer

after successfully passing the KRONE Master Installer Course

on May 14, 2004

and has been assessed as competent to practice the knowledge gained

Certificate No.012/2004

Date of Issue : May 21, 2004

Dileep Kumar. R
Technical & Product Manager - PremisNET
KRONE Communications Ltd.
Bangalore, India

Certificate No.CTC-2K/1/395

Electronics Regional Test Laboratory (W), Mumbai

The Fiber Optic Association Inc. (India Chapter), Mumbai.

Workshop on

Fiber Optics Interconnection Techniques

This is to certify that

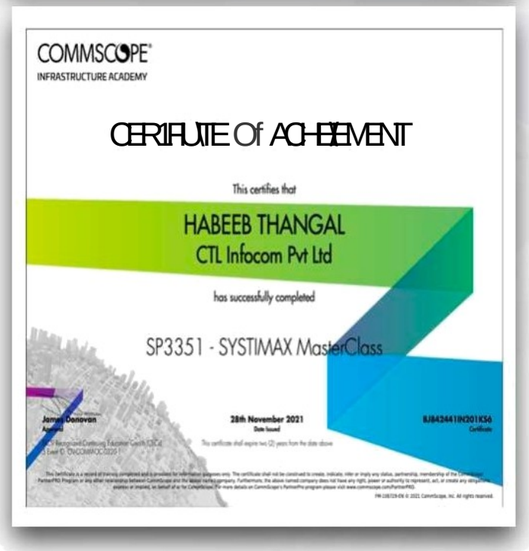
Mr. Habeeb Thangal

has participated in the above Workshop, Conducted jointlybv

(India Chapter) Mumbai. on 9-10th August 2k

(Sr. Director)
Electronics Regional Test Laboratory (W),
Mumbai.

(Chairman)
The Fiber Optic Associaiton Inc.,
(India Chapter), Mumbai.


COMMSCOPE

INFRASTRUCTURE ACADEMY

CERTIFICATE OF ACHIEVEMENT

This certifies that

HABEEB THANGAL
CTL Infocom Pvt Ltd

has successfully completed

SP3351 - SYSTIMAX MasterClass

28th November 2021
Date Issued

BJ843441RQ201KS6
Certificate

COMMSCOPE

CERTIFICATE OF AUTHORIZATION

Presented To:

CTL Infocom Pvt Ltd
as a

Solution Provider

for SYSTIMAX Infrastructure
Approved Territory:

Kerala

Ernest Pickens
SVP ISPC & Enterprise Markets

2021
Program Year

65730
Partner ID

bsi.

By Royal Charter

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

CTL Infocom (P) Ltd.
SC, K.G.Oxford Business Centre
Sreekandath Road
Ravipuram
Ernakulam 682 016
Kerala
India

Holds Certificate No: FS 580712

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

Providing IT Infrastructure Solutions.

For and on behalf of BSI:

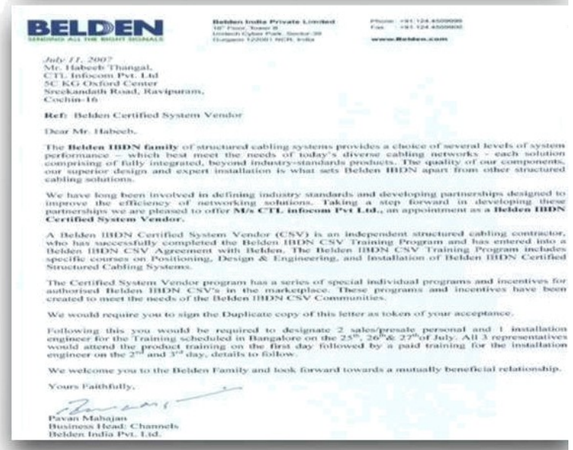
Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2011-10-27
Latest Revision Date: 2017-05-12

Effective Date: 2017-10-23
Expiry Date: 2020-10-22

Page: 1 of 1

...making excellence a habit.


BELDEN

Belden India Private Limited

July 11, 2007
Mr. Habeeb Thangal,
CTL Infocom Pvt. Ltd
SC KG Oxford Center
Sreekandath Road, Ravipuram,
Cochin-16

Ref: Belden Certified System Vendor

Dear Mr. Habeeb,

The **Belden IBDN family** of structured cabling systems provides a choice of several levels of system performance -- which best meet the needs of today's diverse cabling networks - each solution comprising of fully integrated, beyond industry-standards products. The quality of our components, our superior design and expert installation is what sets Belden IBDN apart from other structured cabling solutions.

We have long been involved in defining industry standards and developing partnerships designed to improve the efficiency of networking solutions. Taking a step forward in developing these partnerships we are pleased to offer **M/s CTL Infocom Pvt Ltd.,** an appointment as a **Belden IBDN Certified System Vendor.**

A Belden IBDN Certified System Vendor (CSV) is an independent structured cabling contractor, who has successfully completed the Belden IBDN CSV Training Program and has entered into a Belden IBDN CSV Agreement with Belden. The Belden IBDN CSV Training Program includes specific courses on Positioning, Design & Engineering, and Installation of Belden IBDN Certified Structured Cabling Systems.

The Certified System Vendor program has a series of special individual programs and incentives for authorised Belden IBDN CSV's in the marketplace. These programs and incentives have been created to meet the needs of the Belden IBDN CSV Communities.

We would require you to sign the Duplicate copy of this letter as token of your acceptance.

Following this you would be required to designate 2 sales/presale personal and 1 installation engineer for the Training scheduled in Bangalore on the 25th, 26th & 27th of July. All 3 representatives would attend the product training on the first day followed by a paid training for the Installation engineer on the 2nd and 3rd day, details to follow.

We welcome you to the Belden Family and look forward towards a mutually beneficial relationship.

Yours Faithfully,

Pavan Mahajan
Business Head: Channels
Belden India Pvt. Ltd.

CERTIFICATIONS

'i›'iié' Meraki

WE ARE PLEASED TO RECOGNIZE

Midhun CP

For successfully completing the technical training required to become a

Certified Meraki Networking Associate

Awarded on 9/16/2021

HPE Pa%ner Ready Program

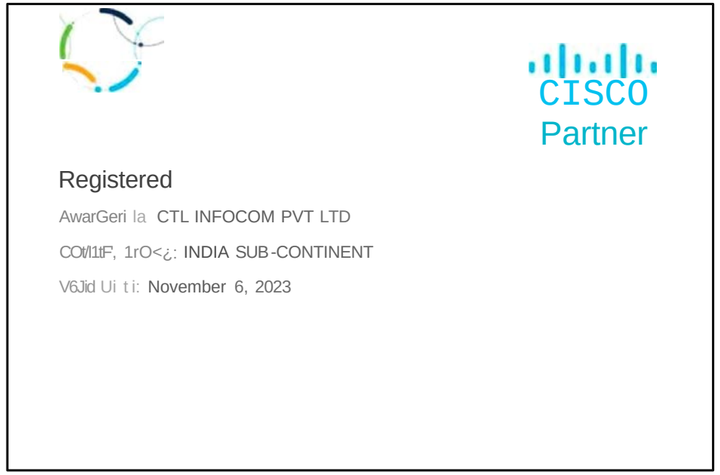
Your way to win in FY22!

Dear valued HPE Partner,

Welcome to fiscal year 2022 (FY22) as a member of the Hewlett Packard Enterprise (HPE) Partner Ready Program and our community of partners.

As we accelerate our edge-to-cloud strategy, we strengthen our commitment to partnership with you through three clear priorities:

- **Bolster your digital transformation** to meet market needs at your own pace
- **Expand collaboration** opportunities across our ecosystem as one team
- **Drive collective success** by providing the best experience for our partners and our shared customers



CISCO Partner

Registered

AwarGeri la CTL INFOCOM PVT LTD

COt/l1tF, 1rO<¿: INDIA SUB-CONTINENT

V6Jid Ui t i: November 6, 2023

CERTIFICATE

.W

N[M\N SUBHAKARAN

BVMS Professionai Level

Professional

Expert
Training on basic system design/ configuration for lower complexity systems

Professional
Online training on basic product features and system architecture

Valid from: 3/15/2022

Valid until: 3/12/2024

Midhun CP

to certify the completion of:

Security Center - Omnicast Technical Certification

Genetec

cenñcate

EXIN EPI Certified Data Centre Specialist

Presented to:

THANGAL, HABEEB

Certificate ID: 6386529.20816436

Award date: 26 June 2021

This certificate is printed on: 11 February 2022

This certificate is valid until: 26 June 2024

Michiel Buysing Damsté
CEO, EXIN Holding B.V.

EXIN
The global independent certification institute for ICT Professionals

Customer feedback

LuLu Convention and Exhibition Center Pvt. Ltd.
CIN: U52190KL2010PTC026838
Registered Office Room No.2
34 / 1000, N.H.47, Edappally, Kochi - 682 024, Kerala
Tel: +91 484 2727777 / 2727700
Fax: 0484 2727772
E-mail: lulukochi@in.lulumea.com
www.lulugroupinternational.com

07.03.2020

SATISFACTORY CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **M/s. CTL INFOCOM PVT. LTD.** has successfully completed and handed over the Lulu Grand Hyatt and Convention center project, Bolgatty, Kochi. This project comprised of a 5-star luxury hotel and the largest International Convention Center in South India.

The Infrastructure consists of 280 guest rooms which includes presidential suites, executive suites, owner suites and guest suite rooms, 4 private villas with plunge pools, Grand Ballrooms, Junior Ballrooms, Pre-function, Function Lawn, Board Rooms, Business Centers, Manager's Apartments, Spa, Gym, Grand Club Lounge, external and internal swimming pools.

The scope of the CTL is micro level design and build for the services like Information and Communication Technology (ICT), Digital Security Systems and establishing the BGM connectivity as per the Grand Hyatt global requirements and standards for Lulu Grand Hyatt, Kochi project. The estimated cost of the work is Rs 6.8 Crores.

SERVICE DELIVERABLES

I. **Information and Communication Technology (ICT):**

Structured cabling w.r.t the ELV services, Wired and Wireless data services, IPBX system and Voice over IP facility, IPTV Connectivity, Tier-2 Datacentre facility, Command and Control Centre, Digital signages, internet distribution facility, Managed service facilities, network devices, firewalls, servers and storage devices.

II. **Digital Security Systems:**

Video surveillance system with more than 350 cameras, access control and Intrusion system with more than 250 doors, Vehicle entry control system (Barriers and Blocking Bollards), Personnel and Baggage screening systems (Hand Held Metal Detector, Door Frame Metal Detector (DFMD), Security Pole, Turnstile and X-Ray Baggage Scanners).

We have received a very good engineering and delivery support with extreme efficiency from CTL Infocom for the above services and the project was delivered to the Grand Hyatt successfully on time with proper handing over documentation.

Sincerely

PAUL K OLAKKENGIL
GM-MEP

Project Office : LuLu Convention and Exhibition Center Pvt Ltd
Near Bolgatty Palace, Mulavukadu P.O, Ernakulam, Pin - 682504

Hotel
RESIDENCY
Fort, Mumbai

To Whom It May Concern

CTL Infocom Ltd is our preferred vendor for voice and data service. We have relied on them for many years not only to install new equipment but also to maintain our existing equipment.

We had done business with various vendors in our area until we became acquainted with CTL through a cabling project. We were very pleased with their service, their expertise, their professionalism on the job and their ability to meet the schedule.

Later, when we needed service on other equipment we gave them a try and they did an excellent job repairing equipment that others had struggled with.

CTL has proven their commitment to us over the years. They have provided excellent service, they go the extra mile when we need their help, they work professionally around our employees and customers, in short, and they meet and often exceed our expectations.

Sincerely,

LAWRENCE

26, Corner of D. N. Road and Rustom Sidhwa Marg, Fort, Mumbai - 400 001.
T. + 91 22 6667 0555, 2262 5525 | F. + 91 22 2261 9164.

5 MILLION SAFE MAN HOURS AWARD -2025

MAJOR PROJECTS RECEIVED FROM ADANI AIRPORTS -2025

SL No	Name of Company	PO No.	PO date	Type of work	Project Value
1	Trivandrum International Airport Ltd.	5700356853	09.11.2024	AMC -CCTV systems	15,00,000.00
2	Trivandrum International Airport Ltd.	4900003065	14.10.2024	SITC of Boom Barriers	25,00,000.00
3	Trivandrum International Airport Ltd.	4900003661	12.02.2025	SITC of Boom Barriers	10,84,970.00
4	Trivandrum International Airport Ltd.	4900002964	12.09.2024	CCTV system Civil Works	43,31,202.00
5	Trivandrum International Airport Ltd.	4900003960	17.04.2025	CCTV system Civil Works	13,53,527.00
6	Jaipur International Airport Ltd.	5700349028	25.07.2024	AMC -CCTV systems	34,84,993.00
7	Manglore International Airport Ltd.	5700371873	26.05.2025	AMC -CCTV systems	29,49,999.00
8	Manglore International Airport Ltd.	5700354864	08.10.2024	Port matrix-CCTV systems	11,50,000.00
9	Manglore International Airport Ltd.	5700361939	09.01.2025	AMC -CCTV systems	7,37,499.00
10	Manglore International Airport Ltd.	4900004120	22.05.2025	Data center Civil works.	1,36,99,592.00

Rajagiri
Hospital
We care. We cure

cochin
INTERNATIONAL AIRPORT

THE
TAMARA
RESORTS

PUSHPAGIRI
HOSPITAL

TAJ

KANNUR
Intarn»tional+‹•^ROA Ltd,

AsterMedcity
We'll Treat You Well”

MVR
CANGER CENTRE ât
RESEARCH It453JTUTE

FEDERAL BANK
YOUR PERFECT BANKING PARTNER

हिएलि
HAL
Hindustan Aeronautics Limited

Oriental
Insurance
PROTECTING THE REGION SINCE 1960

'us
(„akeshore*
Global Lifecare

Hedge

1ESAF
EBAF 8NALL FINANCE BANK
yoy of Banking

V-GUARD

CSB Bank

‹ INDIAN Bank

DhanlaxmiBank
established 1927

Marriott.

इसरो isro
VSSC

केनरा बैंक
Canara Bank

adani

LuLu

Union Bank

GRAND)HVAT T“
KOCHI BOLGATTY

Certifications and Associations

About CTL https://ctl.in/about

CTL Projects https://ctl.in/projects

Contact us https://ctl.in/contact

Support https://ctl.asista.com/#/home

www.ctl.in info@ctl.in