i4

i4 Communication Pvt. Ltd.

About Us

i4 is an organisation lead by the pioneers, with more than 2 decades of IT experience with dedicated and committed team in Active and Passive solution, AV and security system with AMC .

i4 Communication has done more 500+ projects pan India in the last 2 decades, covering small, medium, and large enterprise projects with data centres and labs & with more than 300-400 racks set ups.

Around 585+ Professionals & certified service executives manage 250+ Customers across India.

i4 Communication Pvt. Ltd.

Bangalore Office:
#290/A, 2nd &3rd Floor,34th Cross,
9th MainRoad,Jayanagar4th Block,
Bangalore – 560011
Ph:+91 8026636261/26636262
Fax: 080 26636261/26636262
E-mail:sales.bangalore@i4communication.in
Telefax:+91 80 26566584 / 26567598

Gurgaon Office:
U-1/6, DLF Phase -3, Gurgaon
Haryana - 122001
E-mail: abhay@i4communication.in
Tel: +91 9560490901

Cochin Office:
Blue Mount Tower 3rd Floor,
Kuzhikkattumoola,Nilampathinji Road,
Kusumagiri,Kakkanad,
Cochin-682 030
E-mail: prakash@i4communication..in
Tel: +91 9880806850

Chennai Office:
#43 Anna Street, Old Mahabalipuram Road (OMR),
Sholainagallur, Chennai-600 119
E-mail: ramesh.v@i4communication.in
Telefax: +91 9003025359

Hyderabad Office:
Plot No 243B, Ragavendra Colony,
Kondapur , Hyderabad -500 032
 E-mail: byju@i4communication.in
Tel: +91 9160666424

Mumbai Office:
Rajkamal, Flat #204, Plot #2A,
Vashi, Navi Mumbai-400 703
E-mail: anup@i4communication.in
Tel: +91 7718888995

OUR SERVICES

STRUCTURED CABLING SYSTEM

▶ **CONSULTANCY**

▶ **DESIGNING OF NETWORK ARCHITECTURE**

▶ **PROJECT MANAGEMENT.**

▶ **IMPLEMENTATION AND QUALITY CONTROL SERVICES**

▶ **SITE DOCUMENTATION AND MAINTENANCE**

▶ **ENCLOSURES & CONTAINMENT**

▶ **TESTING & WARRANTY CERTIFICATION**

SPECIALIZED TECHNICAL SERVICES

▶ **IMPLEMENTATION OF WI-FI AND NETWORK AUDITS**

▶ **AUDIO VISUAL SOLUTIONS**

▶ **FIRE ALARM**

▶ **ACCESS CONTROL**

▶ **CCTV**

▶ **INTRUDER ALARM**

▶ **GAS SUPRESSION**

▶▶ **EXTENDED SUPPORT ASSURANCE & IT INFRASTRUCTURE MAINTENANCE (ANNUALLY/MONTHLY).**

WHY ONLY i4 COMMUNICATIONS

► **Efficiency:** We have executed 1 million nodes + [3,00,000 + Nodes for TCS alone across India]

► **Capabilities:** 99% of our projects are executed with our own trained in house employees, we doesn't outsource any project work.

► **Certification:** Our Project Teams are certified by all leading Brands (TE, Commscope, Panduit, Schneider, R&M, Belden, 3M, Seimon)

► **Dedicated team:** Every project is handled by an experienced & certified dedicated project team, right from design stage till the handover.

► **Online Status Report:** Up coming web site for customer to login and get the updated project details and documents @ any time (SSL Certified). (under constructions)

► **Project Capabilities:** i4 Communication has designed and executed lab projects with more than 250+ racks in single project with tight time bound critical time lines.

► i4 Communication has handled and executed single project worth more than 3 million USD.

► **Certified Professionals:**
Project Manager: 25-30   Consultants: 10-15
Technicians: 200+   CAD Engineers: 10+

► **Service support warranty:** We provide 1 Year free service support warranty(Case basis) to each customer. Response to the service request is within 2Hrs to 4Hrs.

Glimpse at Time Bound Critical Data Center Projects Executed end to end

Project Name	No. of Racks	No. of Nodes	Duration
THOMSON REUTERS DC	*100*	960 - Fiber	*30 Days*
ITC DC	*220*	5280 – UTP 5280 – Fiber	*40 Days*
AIRTEL DC	*475*	22000- UTP 11500 - FIBER	*45 Days*
TEXAS INSTRUMENTS DC	*200*	3000-UTP 1450 – FIBER	*25 Days*

The above mentioned projects duration includes:
- Installation of Pathways (Fiber Guide System/ Cable Baskets/ Wire Grid/ Ladders/ Raceways)
- Shifting, Alignment & Reinstallation of Racks.
- Laying & Termination of UTP/ Fiber Components.
- Testing , Patching, Dressing & Documentation of UTP/ Fiber.

Glimpse at Projects executed

Project Name	No. of Users	No. of Nodes	Solution
WELLSFARGO	3250	13000	Cat6 for Data & Voice
SAMSUNG	3500	13500	Cat6 for Data & Voice
ACCENTURE	2500	7000	Cat5e for Data & Voice

PROJECT EXECUTED AT BAGMANE TECH PARK, BANGALORE

Project Name	No. of Users	No. of Nodes	Solution
TEXAS INSTRUMENTS	4500	1800 Nodes	Cat6 for Data & Voice
SAMSUNG	2000	8000 Nodes	Cat6 for Data & Voice
SASKEN	1500	6000 Nodes	Cat6 for Data & Voice
CTS	2500	8500 Nodes	Cat6 for Data & Voice
VOLVO	1750	7900 Nodes	Cat6 for Data & Voice

Major Data center Projects executed

Project Name	No. of Racks	No. of Nodes	Solution
THOMSON REUTERS DC	100	960 - Fiber	Fiber
ITC DC	220	5280 – UTP 5280 – Fiber	UTP/ Fiber
AIRTEL DC	475	22000- UTP 11500 - FIBER	UTP/ Fiber
TEXAS INSTRUMENTS DC	200	3000-UTP 1450 – FIBER	UTP/ Fiber
WIPRO TECHNOLOGIES DC	250	15000 – UTP 4000 - Fiber	UTP/ Fiber
TCS DC	100	2400-UTP 2400 –Fiber	UTP/ Fiber
ACCENTURE DC	400	9600 - UTP	UTP
CISCO-WIPRO JV - LAB	250	6000-Fiber 3000-UTP	UTP/ Fiber

Our OEM Association list

ADC KRONE

PANDUIT

SYSTIMAX

TYCO- AMP

MOLEX

FINOLEX

DIGILINK

R& M

BELDEN

3M

LEGRAND

Certification Details

KRONE
- PHYSICAL LAYER MANAGEMENT (Intelligent cabling) CERTIFICATE
- MASTER INSTALLER CERTIFICATE
- TRUENET CERTIFIED INTEGRATOR
- INTELLIGENT PHYSICAL LAYER MANAGEMENT SOLUTION CERTIFICATION (RIT) TRUENET PREMIUM PARTNER FOR ADC KRONE

SYSTIMAX
- SP3321-SYSTIMAX SCS DESIGN & ENGINEERING
- ND3341-SYSTIMAX SCS INSTALLTION & MAINTENANCE
- ND5500-SYSTIMAX SCS i-PATCH DESIGN & ENGINEERING
- ND5510- SYSTIMAX SCS i-PATCH SUPPORT SPECIALIST
- ND7700-IBIS INTELLIGENT BUILDING INFRASTRUCTURE SOLUTIONS SPECIALIST
- ND8800- SYSTIMAX DATA CENTER & ENGINEERING SPECIALIST

TYCO
- AMPACT I II & III
- DESIGNING LAN CABLING SYSTEM
- CERTIFYING TROUBLE SHOOTING LAN CABLING SYSTEM
- INSTALLTAION & CONNECTORIZATION OF LAN CABLING SYSTEM
- AMPTRACK-IV INFRASTRUCTURE MANAGEMENT SYSTEM
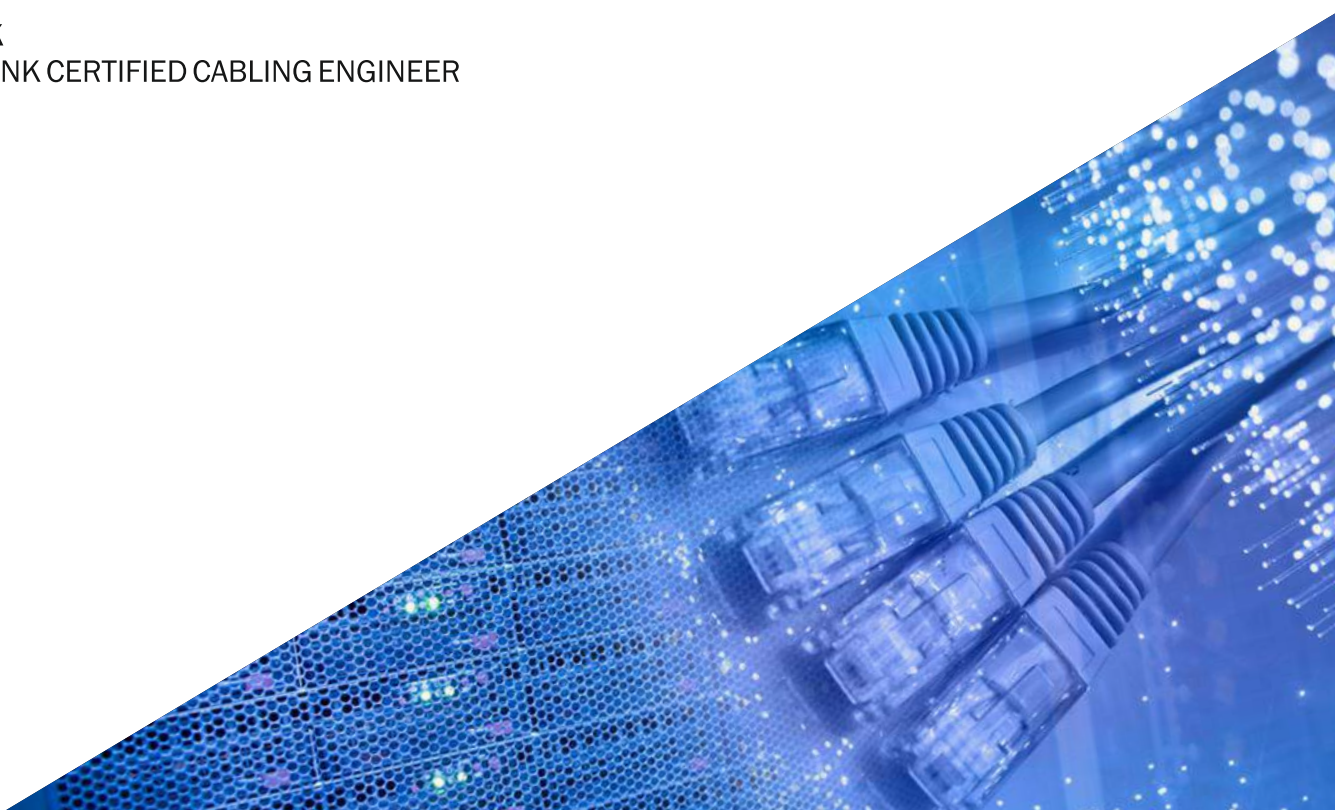- AMPACT –V DATA CENTER DESING & ENGINEERING

PANDUIT
- DESIGNING , INSTALLATION & MAINTENANCE CERTIFICATION

MOLEX
- MOLEX PREMISES NETWORK CERTIFIED INSTALLER
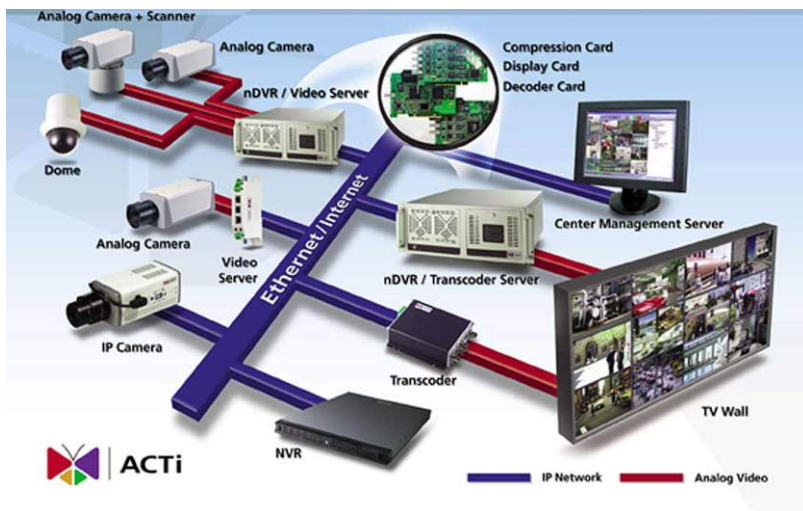
D-LINK
- D-LINK CERTIFIED CABLING ENGINEER
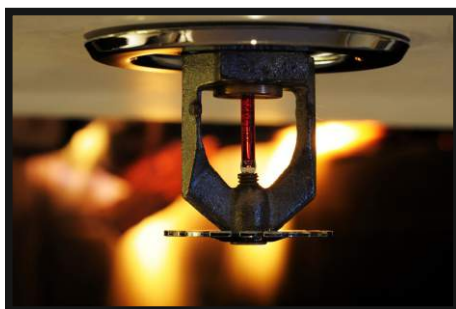
SECURITY AND SAFETY SOLUTIONS

- Risk Assessment, Design and Estimation Strengths
- Preferred Partners for Leading OEMs.
- Systems Integration Strengths.
- Post Sales Support
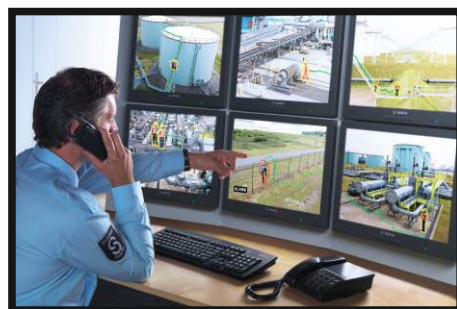- Customer Trainings.

ADVANCED INTEGRATED TECHNOLOGY SOLUTIONS
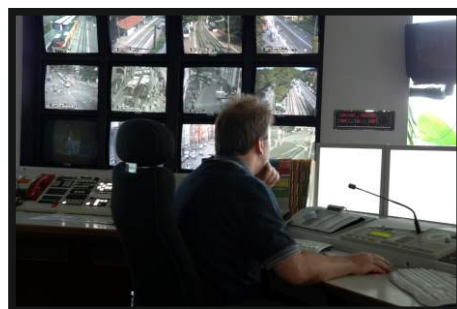

Enterprise Access Control

Fire & Life Safety

Integrated Systems

Video Management

Radio Frequency

Monitoring Services

Intrusion Detection

Retail Anti-Theft

Operation & Environment Identification

IP BASED VIDEO SURVEILLANCE SOLUTIONS

- Preferred Partners of AXIS, Honeywell & TYCO
- Site Survey, Design, Estimation Strengths by Trained Manpower
- Project Implementation - knowledge and experience of installation of PTZ Cameras, Network Video Recorders
- In House Knowledge and Experience to network Video Management and Analytics Software
- Trained Manpower to provide After Sales Support

LAN
WAN
HDMI

NVR

Local HD Live Video Display

720P   IP NETWORK

Internet

Launch CMS & WEB View

Mobile Remote Surveillance

Launch CMS & WEB View

Megapixel IP Cameras
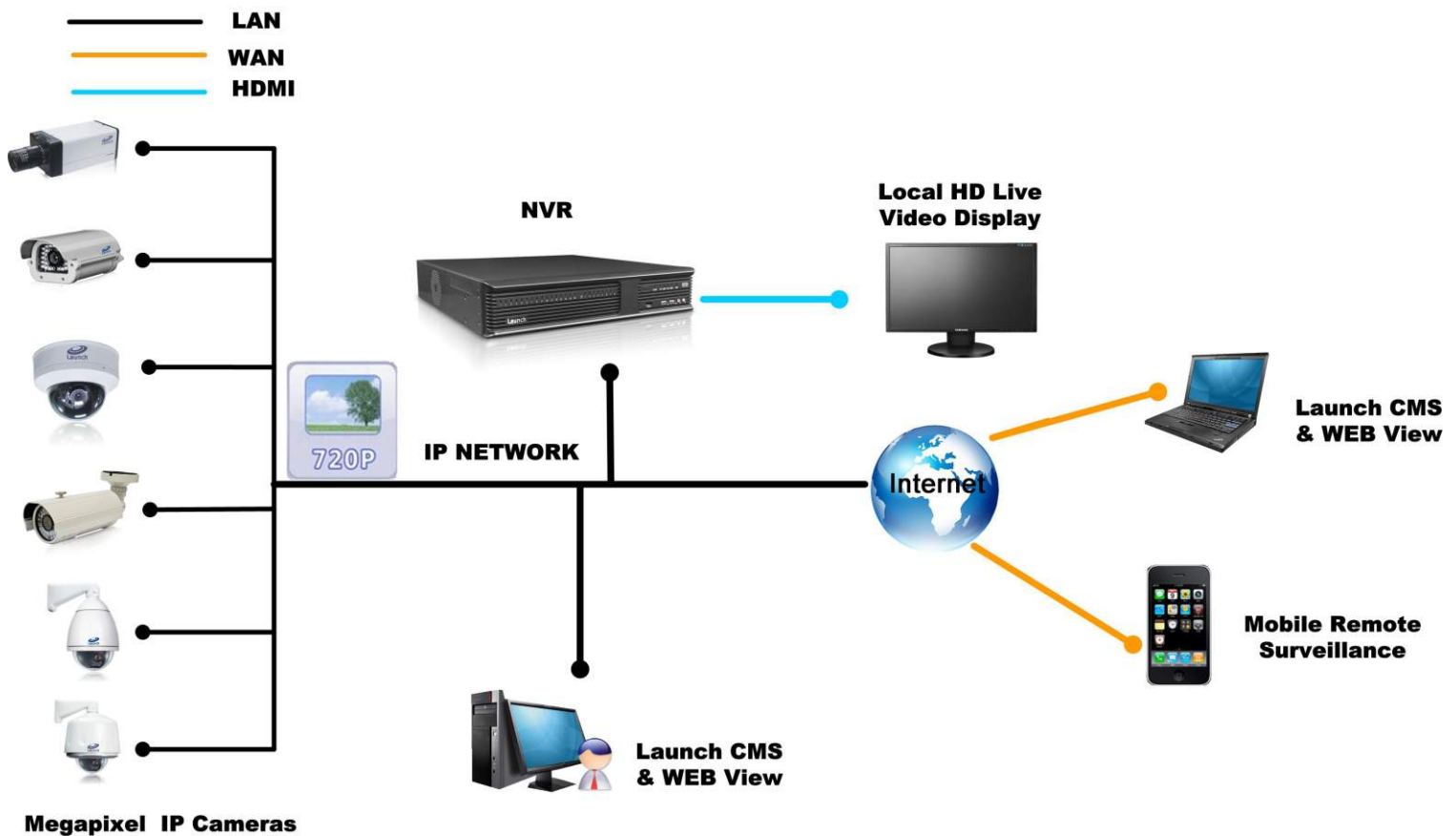
ANALOG/
IP SURVEILLANCE :
VIDEO SOLUTIONS
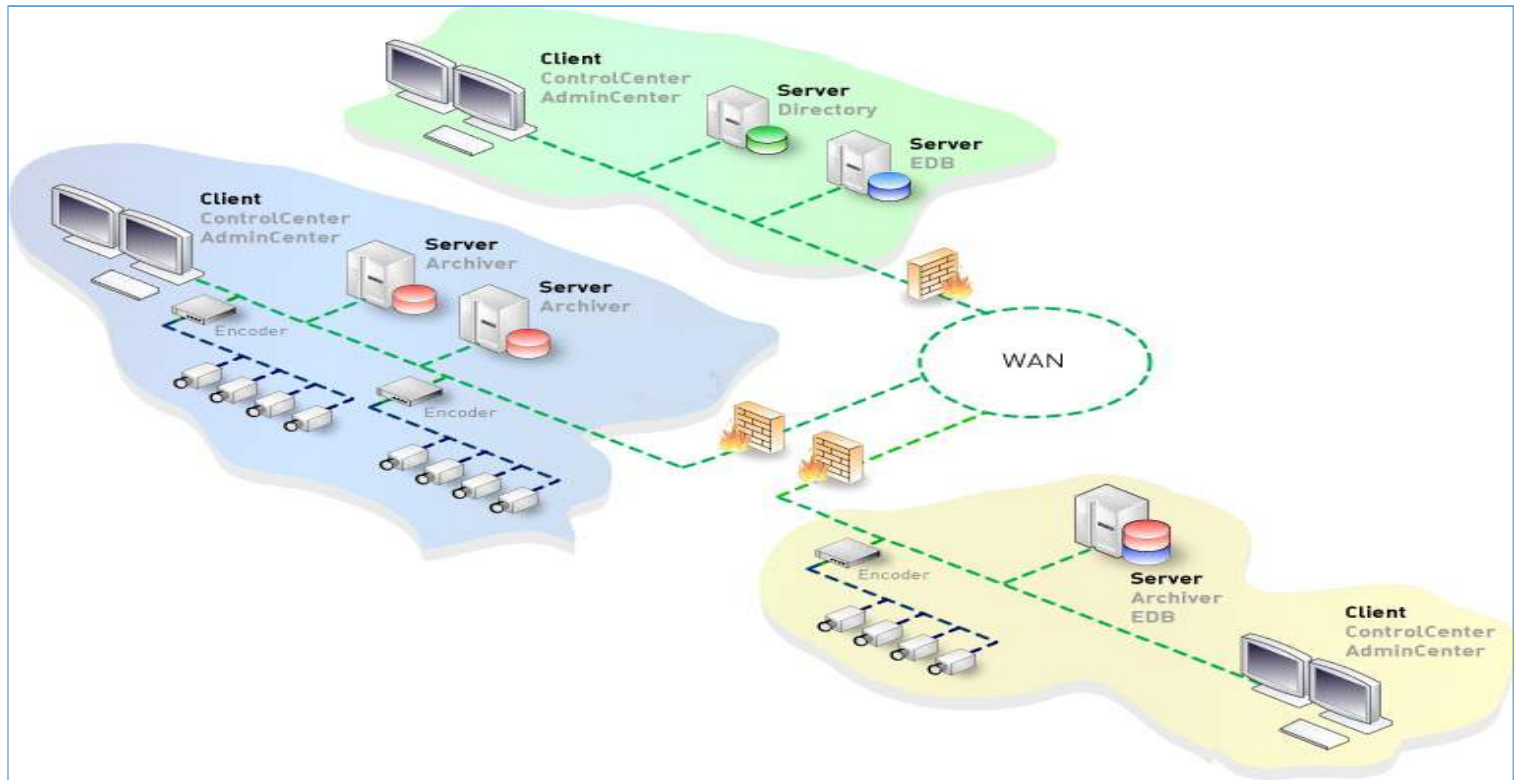
Stand Alone Applications
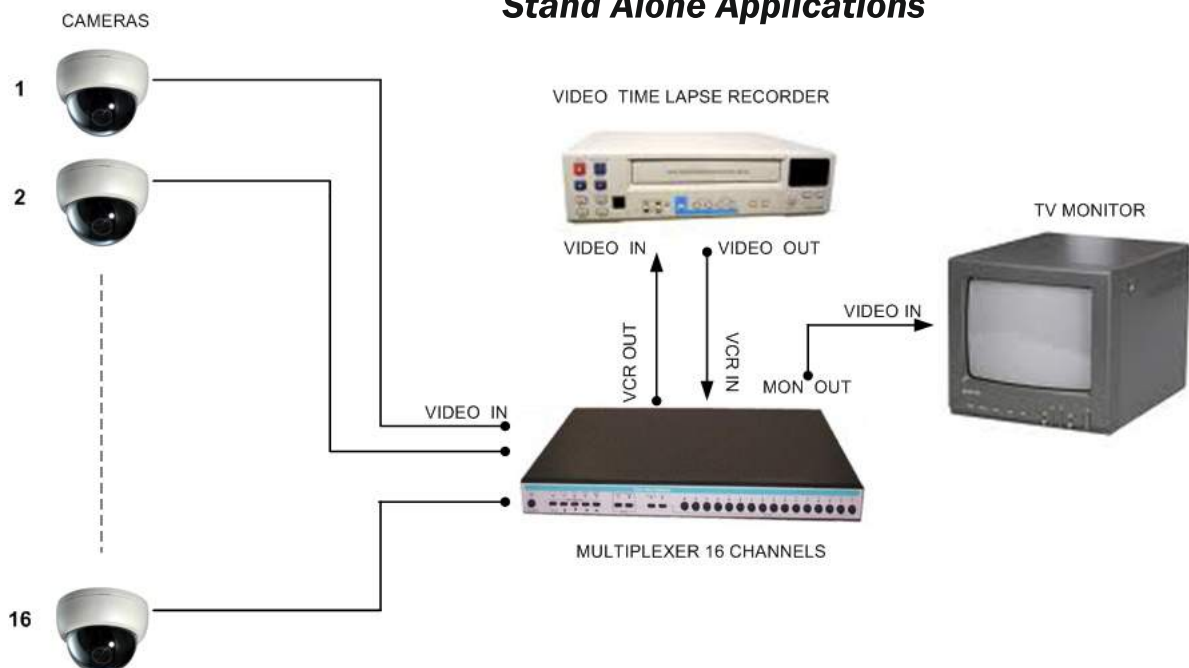
ACCESS CONTROL SYSTEMS

- Virtually unlimited expansion
- Flexible configuration. Unlimited user definable fields
- Intelligent card readers & airport-specific reader modes
- Extensive reporting & Invoice Reporting
- T&A, Rolling Transaction Display
- Guard Tours, Broadcasting, One-shot facility
- Alarms Processing, Anti-Pass back
- External systems Integration

Applications:

- Gates Access
- Buildings
- Control Rooms
- Bonded warehouse

Honeywell
Authorized Security Dealer

tyco Partner
Fire & Integrated Solutions

Simplified Access Control Architecture

Multi-channel Network

Alarm Processing Workstations

Video Monitors

Video router/switch

Control Panel

Alarm Horn

Video Recorder

Badging Server

Access Control Server

Reader

Door position Sensor

Crash Bar & strike

CCTV Camera

Electric strike control

Body Scanner Server

Panel-door wires:
Reader 7,
door status 2,
Rex 2,
strike power 2,
strike actuator 2

Request to Exit

Dashed line represents one Access Point and typical devices

Body Scanner

A SIMPLE ACCESS CONTROL SYSTEM FOR HOME AND SMALL&MEDIUM COMPANY

Access Control Panel

Electric Magnetic Lock

Exit Push Button

Card Reader

Inside

Outside
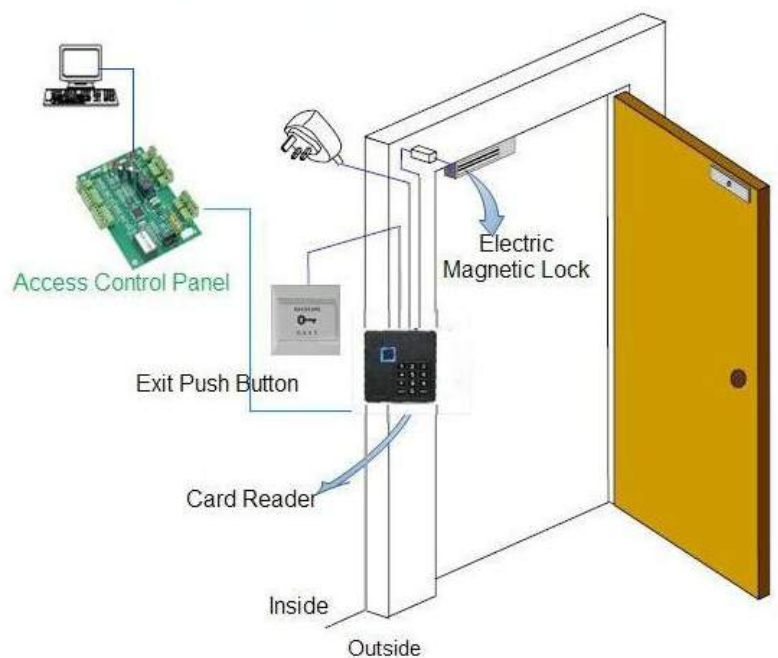
ACCESS BARRIERS

People Barrier

- Allows only authorized people to Entry/Exit Premises
- Reduces man-power to pass clearance
- Suitable for daily "pass holders"
- Customized for visitor and permanent pass holders
  (i.e. contractors/3rd party vendors)

Applications:

- Gates
- Entry/Exit points
- Buildings

CAME

SAFETY EQUIPMENTS

At i4 we emphasize on working Safely with PPE.

Safety Glasses

Safety Gloves.

Safety Helmets

Safety Jackets

Safety Shoes

Safety Belts

Barricade Tapes

First Aid Kits

Barricade Cones

Fire Extinguishers

Aluminum Ladders

TOOLS & EQUIPMENT'S

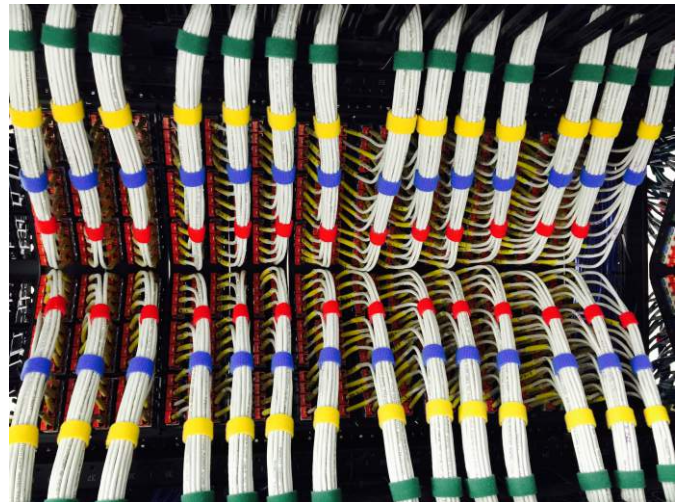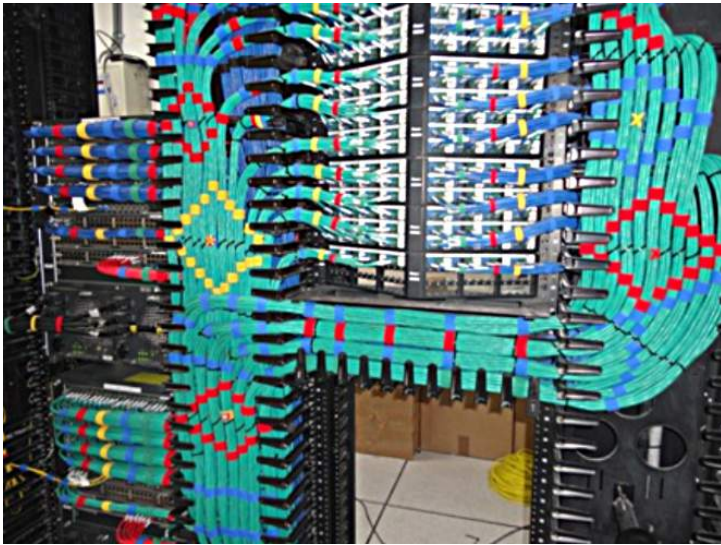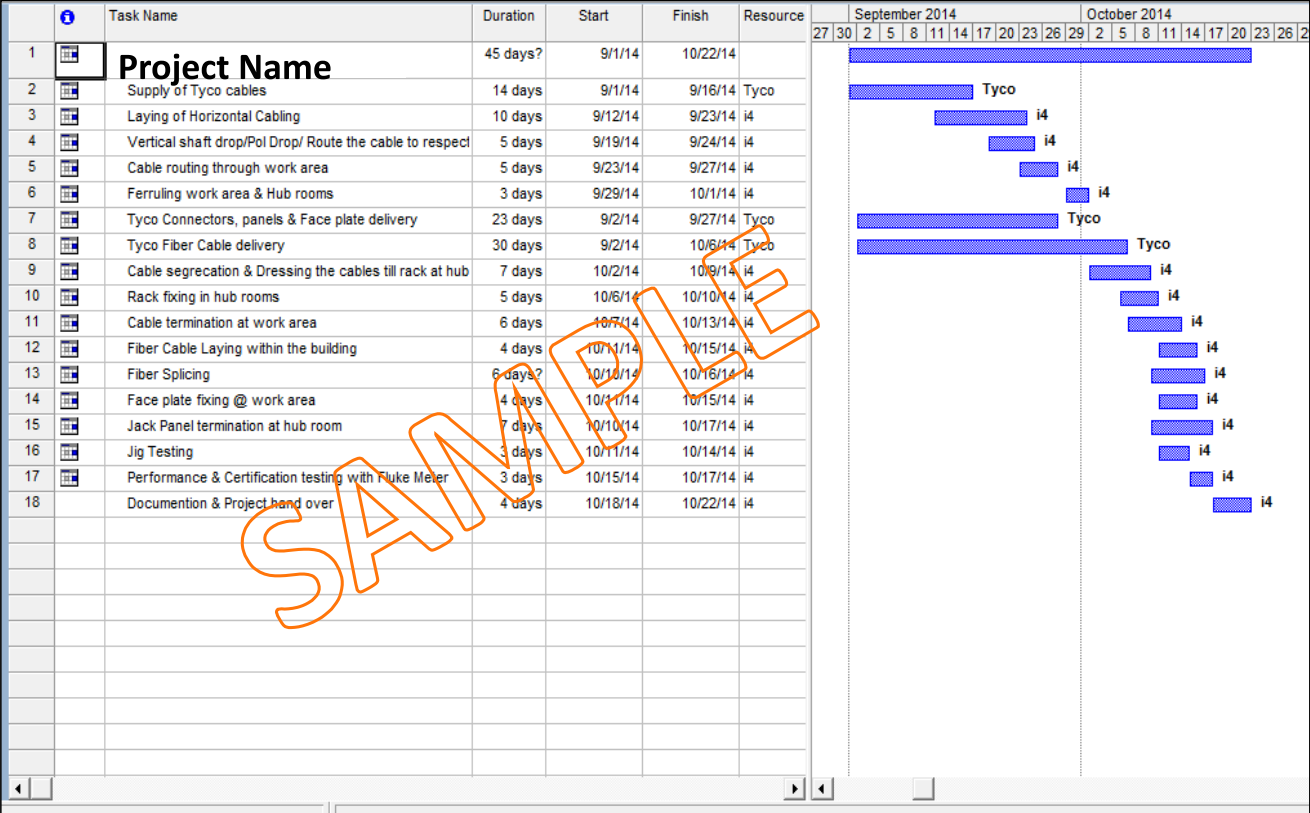|		
FLUKE DTX 1800 CABLE ANALYZER	FUJIKURA FSM-50S FIBER CABLE SPLICING EQUIPMENT. (4 Nos.)	LETATWIN LM 380A-LETATWIN Ferrule printers. (4 Nos.)
FLUKE DSP 4300 CABLE ANALYZER (2 Nos.)	FUJIKURA OFSM-60S Fiber cable splicing equipment. (2 Nos.) (4 Nos.)	FLUKE Jack Rapid Punch Down Tools. (25 Nos.)
FLUKE DTX SFM2 SINGLE MODE FIBER MODULES (4 Nos.) (4 Nos.)	CASIO Label Printers for Labeling of Network Devices. (2 Nos.)	AMP Modular Jack Termination Kit. (38 Nos.)
FLUKE DTX MFM2 MULTI MODE FIBER MODULES (4 Nos.)	FLUKE D-814 Impact tools. (40 Nos.)	PANDUIT Cable Dressing Tools (60 Nos)

PHOTO CAPTURED AT SITE

SAFETY INDUCTION AND TOOL BOX TALK

DAILY PROGRESS REPORT FORMAT

▶ *i4*

Date:	
	V1
Project Manager -	
Site In-charge -	
Team:	

	i4 Communication: SITE NAME						
#	Location	Item Description	UOM	Net QTY	Work in Progress	% of Progress	Remarks
	2F Hub Room						
i-1		Stripping of cable sheild and tone / continuity testing of cables	Each	200		0%	
i-2		Floor-wise seggregation of UTP Cables	Each	200		0%	
i-3		Grouping and Bunching of UTP Cables	Each	200		0%	
i-4		Cable ID / Numbering of UTP Cables at SR end	Each	200		0%	
i-5		Installation of Network rack at 2F - Data Rack	Each	1		0%	
i-6		UTP Cable termination at Panel End	Each	200		0%	
I-7		Flushing of Information Outlets in Panels	Each	200		0%	
i-8		Mounting of Panels in Rack	Each	13		0%	
i-9		Labeling of Panels	Each	13		0%	
i-10		Labeling of Racks	Each	1		0%	
	2F Work Area						
i-11		Dismantling of Old Faceplates from Workstations	Each	50		0%	
i-12		Dismantling of Old Information Outlets from Workstations	Each	100		0%	
i-13		Cable ID / Numbering of UTP Cables at WS end	Each	100		0%	
i-14		UTP Cable termination at WS End	Each	150		0%	
i-15		Faceplate Installation at WS End	Each	50		0%	
i-16		Fluke Testing of UTP Cables	Each	100		0%	
i-17		Labeling of Faceplates	Each	50		0%	
	3F Server Room						
i-18		Installation of Network rack at 3F - Voice Rack	Each	1		0%	
i-19		Mounting of Panels in Rack	Each	5		0%	
i-20		Installation of Krone Block	Each	2		0%	
i-21		Laying of Riser Cable from Krone to Voice Rack	Runs	3		0%	
i-22		Riser Cable termination at Krone	Pairs	120		0%	
i-23		Riser Cable termination at Panel	Pairs	120		0%	
i-24		Testing of Riser Cable	Pairs	120		0%	
i-26		Labeling of Panels	Each	5		0%	
i-27		Labeling of Rack	Each	1		0%	
	3F Work Area						
I-28		Dismantling of Old Faceplates from Workstations	Each	50		0%	
I-29		Dismantling of Old Information Outlets from Workstations	Each	100		0%	
i-30		Cable ID / Numbering of UTP Cables at WS end	Each	150		0%	
i-31		UTP Cable termination at WS End	Each	150		0%	
i-32		Faceplate Installation at WS End	Each	50		0%	
i-33		Fluke Testing of UTP Cables	Each	150		0%	
i-34		Labeling of Faceplates	Set	50		0%	
	BACKBONE - 2F TO 3F						
i-35		Laying of PVC Conduit / Flexible pipe	Runs	2		0%	
i-36		Laying of CAT 6 UTP Cable from 3F to 2F - Backbone & Cat 5e Cable	Runs	24		0%	
i-37		UTP BB Cable termination (both end)	Each	48		0%	
i-38		Installation of Backbone panels in Racks	Each	2		0%	
i-39		Labeling of Backbone panels	Each	2		0%	
	Patching - Data & Voice						
i-40		Labeling of patch cords	Each	220		0%	
i-41		Dressing of patch cords	Each	220		0%	

PROJECT METHODOLOGY

	ℹ	Task Name	Duration	Start	Finish	Resource
1		**Project Name**	45 days?	9/1/14	10/22/14	
2		Supply of Tyco cables	14 days	9/1/14	9/16/14	Tyco
3		Laying of Horizontal Cabling	10 days	9/12/14	9/23/14	i4
4		Vertical shaft drop/Pol Drop/ Route the cable to respect	5 days	9/19/14	9/24/14	i4
5		Cable routing through work area	5 days	9/23/14	9/27/14	i4
6		Ferruling work area & Hub rooms	3 days	9/29/14	10/1/14	i4
7		Tyco Connectors, panels & Face plate delivery	23 days	9/2/14	9/27/14	Tyco
8		Tyco Fiber Cable delivery	30 days	9/2/14	10/6/14	Tyco
9		Cable segrecation & Dressing the cables till rack at hub	7 days	10/2/14	10/9/14	i4
10		Rack fixing in hub rooms	5 days	10/6/14	10/10/14	i4
11		Cable termination at work area	6 days	10/7/14	10/13/14	i4
12		Fiber Cable Laying within the building	4 days	10/11/14	10/15/14	i4
13		Fiber Splicing	6 days?	10/10/14	10/16/14	i4
14		Face plate fixing @ work area	4 days	10/11/14	10/15/14	i4
15		Jack Panel termination at hub room	7 days	10/10/14	10/17/14	i4
16		Jig Testing	3 days	10/11/14	10/14/14	i4
17		Performance & Certification testing with Fluke Meter	3 days	10/15/14	10/17/14	i4
18		Documention & Project hand over	4 days	10/18/14	10/22/14	i4

CUSTOMERS - PAN-INDIA

BANGALORE
- ACCENTURE
- ALTISOURCE
- HCL
- ITC
- IGATE
- GOOGLE
- MINDTREE
- WELLSFARGO
- SAPLAB
- ROBERT BOSCH
- WIPRO
- CTS
- ORACLE
- SAMSUNG

HYDERABAD:
- WELLSFARGO
- CTS
- GOOGLE
- IGATE
- XILINX
- MINDTREE
- ACCENTURE
- QUALCOMM
- PEGA SYSTEM
- HONEYWELL

MUMBAI & PUNE
- IGATE CAMPUS
- IGATE MUMBAI
- ALTISOURCE
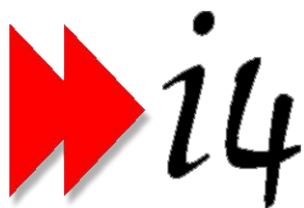- GOOGLE
- CTS
- TRIMAX
- HONEYWELL

DELHI:
- IGATE
- GOOGLE – SIGNATURE TOWER
- GOOGLE ROLTA
- AGILENT
- FINANCIAL TECHNOLOGIES

CHENNAI:
- CTS
- IGATE
- MINDTREE
- HCL
- ROBERT BOSCH
- WIPRO

IT & TELECOM PARTNERS

i4 Communication Pvt. Ltd.

#290/A, 2nd &3rd Floor,34th Cross,
9th MainRoad,Jayanagar4th Block,
Bangalore – 560011

Ph:+91 8026636261/26636262
Fax: 080 26636261/26636262

E-mail:sales.bangalore@i4communication.in

Telefax:+91 80 26566584 / 26567598

Our H.O and branch Office locations.

- Delhi &NCR
- Mumbai / Pune
- Hyderabad
- Bangalore
- Chennai
- Cochin

Registered Office is located in Bangalore.