

- Delta Introduction
- Why video wall ??
- Evolution of Control room displays
- Innovation - New trends in control room Displays
- Success Stories
- Q&A





Delta Worldwide Operations



175+

Offices Worldwide

75

R&D Centers

38

Manufacturing Units

\$9+

Billion Revenue

100,000+

Employees worldwide



750+

Direct View LED installations
in India

Largest

Direct View LED Network
In India

70%

Share in Smart City ICC

> 7500

Command & Control Rooms
installations



And many more..



An unrecognized leader



Display Solutions Umbrella



DLP Video wall, LCD Video wall, Direct view LED & Control system



Multimedia projector brand, Worldwide business coverage



A Delta Associate Company

Professional Large Venue Projector Company. Headquartered in Manchester, UK



Emmy Award



Received Emmy Award for Outstanding Achievement in Engineering Design

Why video wall???



Resolution of each display upto 4k



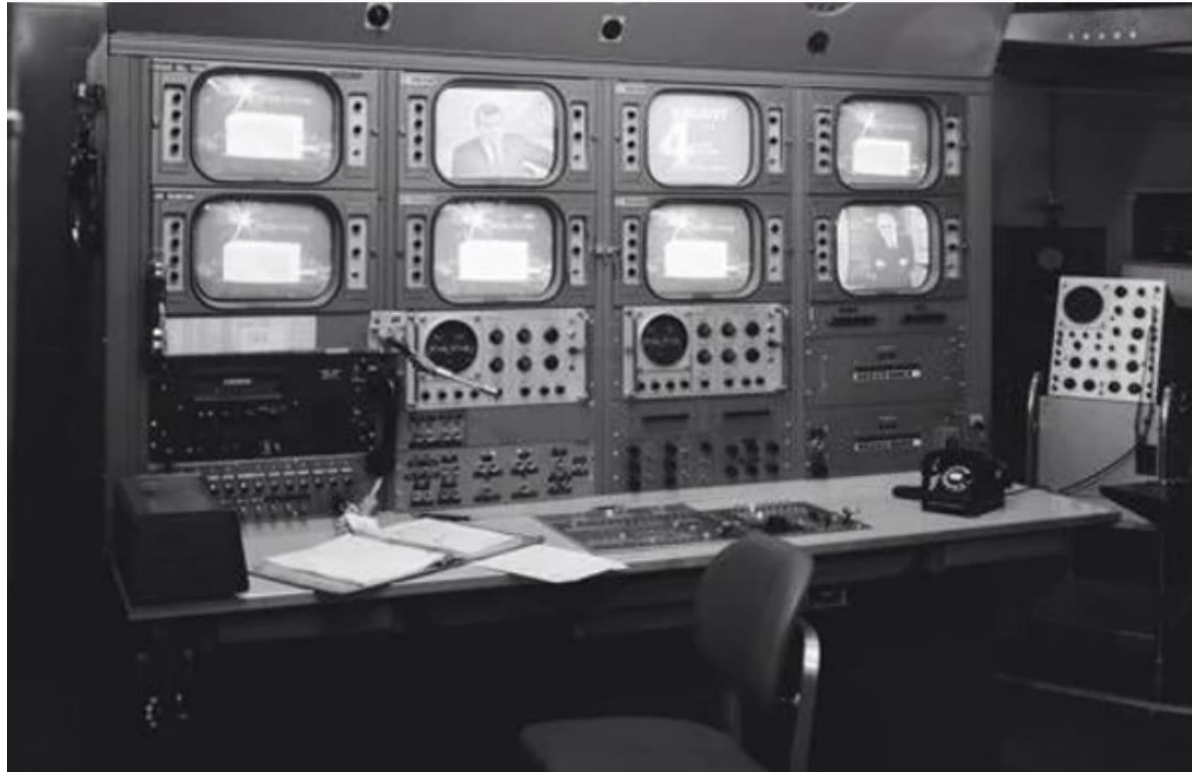
Resolution of each projector upto 8k





Control Room Displays

Way back in 1980's..





DLP Video wall

20 different types of Rear Projection Cubes

2K

LED Videowall

SXGA+,
UXGA,
WUXGA

LED Videowall

4K

World's 1st 4K Laser DLP Videowall

2K

Laser Videowall

UXGA

Laser Videowall



VARIOUS FACTORS PLAY A CRITICAL ROLE WHEN SELECTING A CONTROL ROOM DISPLAY



Ultra reliable operation

- Capable of running 24/7
- No burn in on static/no memory/no ghosting
- High MTBF, low MTTR
- Built-in redundancies



Display size

- **Size of room**, application, operator seating plan, budget, front or rear access



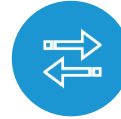
Display resolution

- Match resolution to need
- Legibility, lighting, contrast, content, font size, viewing distance



Display brightness

Should be bright enough(min 350 cd/sqm) otherwise risk of operator fatigue



Screen size & type

Surface should be matt (not reflective)



Viewing angles

Should not be too narrow (consider linear or curved set up)



Screen build

Glass backing

A woman with voluminous, dark curly hair is smiling warmly while looking down at a pink envelope she is holding. She is wearing a light-colored collared shirt under a brown blazer. The background is a blurred yellow metal railing with circular patterns. A white rectangular box is superimposed over the center of the image, containing the text.

THIS IS HOW WE
HELPED OUR
CUSTOMERS



4K-UHD DLP Videowall

See More of Everything



Virtual Canvas of 4 time higher resolution

4K-UHD DLP Video wall

1:4 - See 4 times more, do more



8.29MP

4K UHD

Experience 4 time better visuals than ever. Delta 4K-UHD laser offer enhanced features than standard full HD displays

4 x virtually big canvas in same physical area

4 x Bright shape Images/ visual

4 x Resolution (8.29 MP Vs to 2.07 MP)

4 x more data visualization



Jhansi Smart city



Namchi Smart City



New Delhi Smart city



Hubli Smart City



Pimpri-Chinchwad Smart City

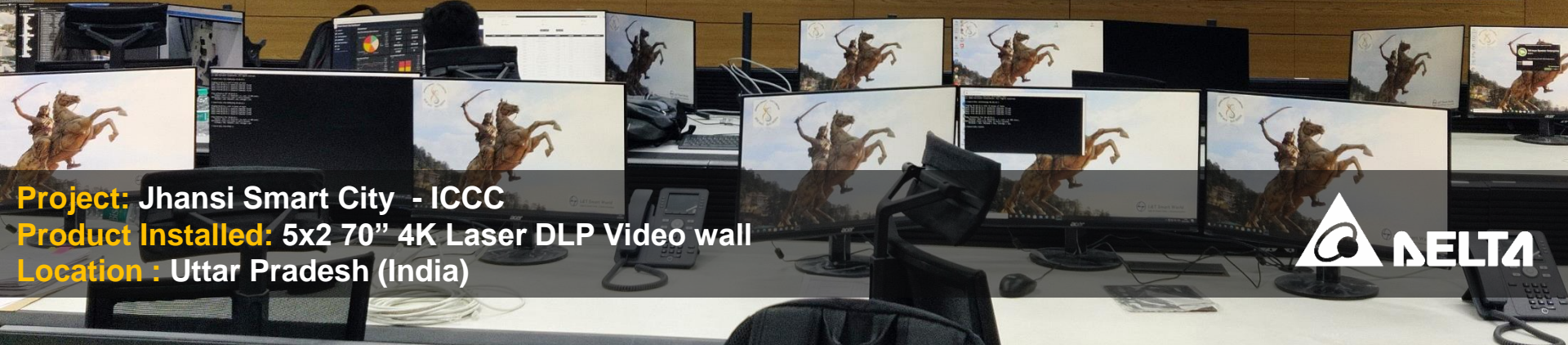
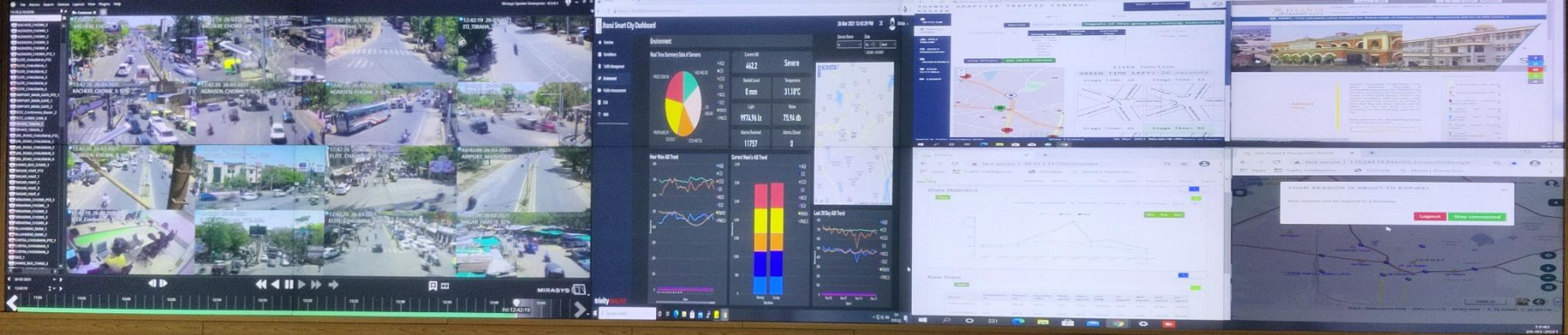


Success
Stories



Kochi Smart City

WELCOME TO JHANSI SMART CITY PROJECT - INTEGRATED COMMAND & CONTROL CENTER - POWERED BY L&T SMART WORLD ***



Project: Jhansi Smart City - ICC
Product Installed: 5x2 70" 4K Laser DLP Video wall
Location : Uttar Pradesh (India)



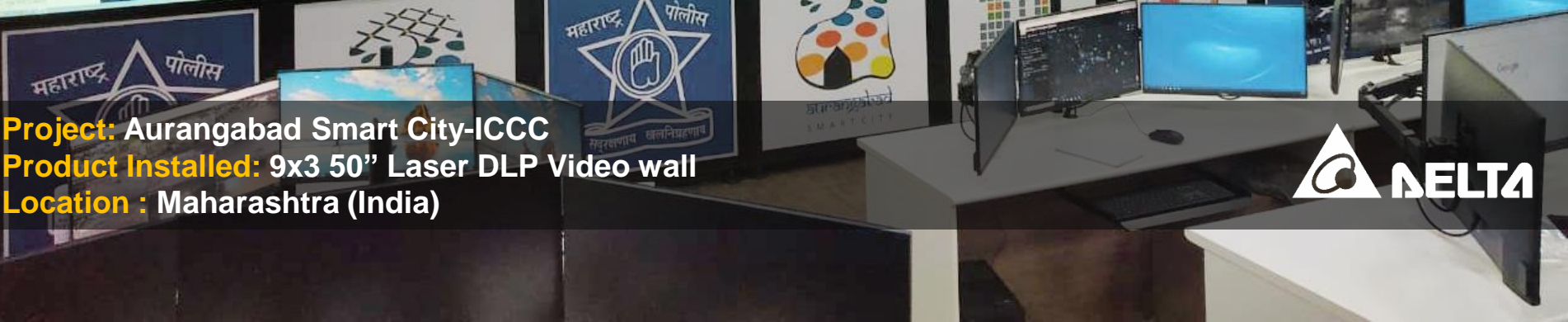
AURANGABAD CITY POLICE

COMMAND & CONTROL CENTRE

AURANGABAD SMART CITY




Project: Aurangabad Smart City-ICCC
Product Installed: 9x3 50" Laser DLP Video wall
Location : Maharashtra (India)





Project: Kochi Smart City-ICCC
Product Installed: 9x3 70" LED DLP Video wall
Location : Kerala (India)





Project: NDMC Smart City-ICCC
Product Installed: 6x3 70" Laser DLP Video wall
Location : New Delhi (India)



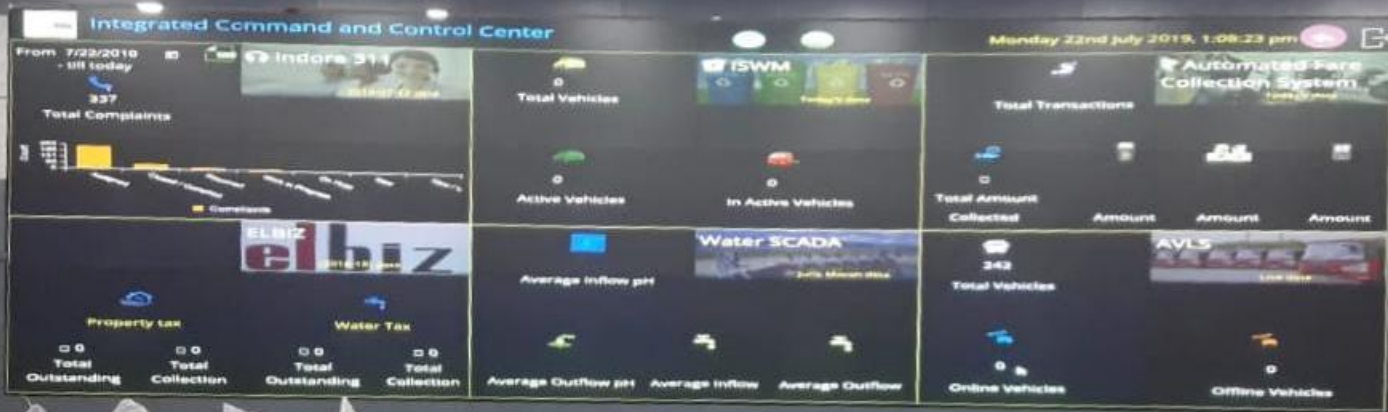


Project: Bhubaneswar Smart City-ICCC
Product Installed: 16x2, 2x2 - 70" LED DLP Video wall – 2 Sets
Location : Odisha (India)



Project: Raipur Smart City-ICCC
Product Installed: 10x3 72" LED DLP Video wall
Location : Chhattisgarh (India)





Project: Indore Smart City- ICCC
Product Installed: 6x3 70" Laser DLP Video wall
Location : Madhya Pradesh (India)





Project: Aligarh Smart City-ICCC
Product Installed: 5x3 70" Laser DLP Video wall
Location : Uttar Pradesh (India)





Project: Agra Smart City- ICCC
Product Installed: 8x3 70" Laser DLP Video wall
Location : Uttar Pradesh (India)





NAYA RAIPUR

NRDA_CIS
Blower_Layer
NRDA

SR	NAME	STATUS	TYPE	LOCATION
1
2
3
4
5
6
7
8
9
10

Water, Power, Gas, Sewerage, etc. icons

Naya Raipur

Good governance is not first fighting or crisis management. Instead of waiting for ad-hoc solutions the need of the hour is to tackle the root cause of the problems.

Narendra Modi

Project: Naya Raipur Smart City-ICCC
Product Installed: 3x3 70" LED DLP Video wall
Location : Chhattisgarh (India)



INTEGRATED
CONTROL &
COMMAND
CENTRE



Project: Bhopal Smart City- Integrated Control & Command Centre
Product Installed: 6x3 70" Laser DLP Video wall
Location : Madhya Pradesh (India)



Project: Bhopal Smart City- Smart Poles & Intelligent Street Lighting
Product Installed: 2x2 70" LED DLP Video wall
Location : Madhya Pradesh (India)



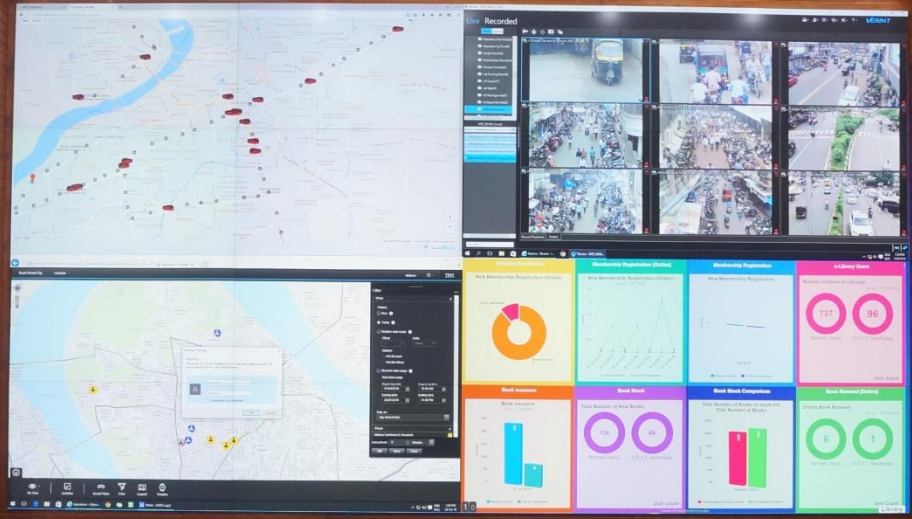
INTEGRATED
TRAFFIC
MANAGEMENT
SYSTEM

SMART POLES &
INTELLIGENT
STREET LIGHTING






SURAT MUNICIPAL CORPORATION SMART CITY CENTRE



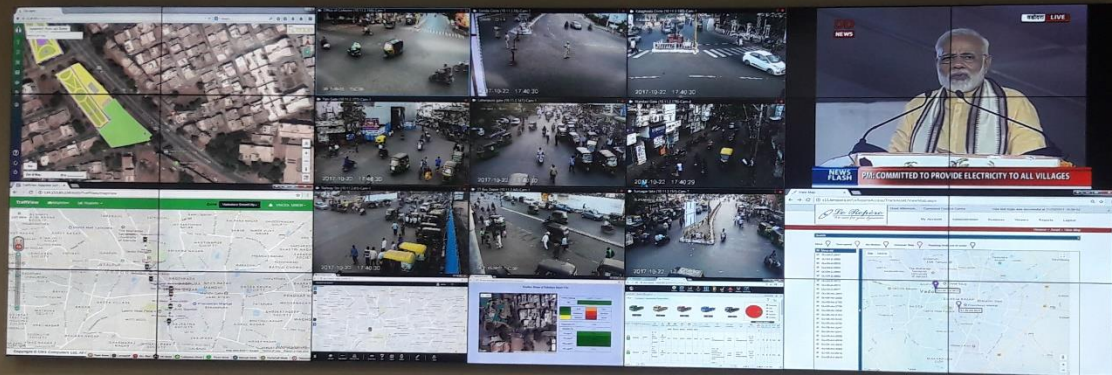
Project: Surat Smart City Centre-ICCC
Product Installed: 4x4 70" LED DLP Video wall
Location : Gujarat (India)





Project: GIFT (Gujarat International Finance Tec-City) Smart City-ICCC
Product Installed: 3x2 72" LED DLP Video wall – 2 Sets
Location : Gujarat (India)





Project: Vadodara Smart City
Product Installed: 3x4 55" LCD Video wall
Location : Gujarat (India)





Installation Reference Base: LED Displays



Smart City Jhansi

Public Information Display

3.8m x 2.8m - 10 mm Outdoor LED Displays – 20 Sets





Ganga Arti, Varanasi

Public Information Display
8.64m x 4.8m (2 sets) & 5.76m x 3.84m (4 sets) - 6mm Outdoor LED Displays





RIVER POLICE
DISTRICT VARANASI

Ganga Arti, Varanasi

Public Information Display

8.64m x 4.8m (2 sets) & 5.76m x 3.84m (4 sets) - 6mm Outdoor LED Displays





Project: Smart City Ahmedabad-
Product Installed: 8/10mm Outdoor LED Displays – 126 sets
Location : Gujarat (India)



राजघाट
(महात्मा गाँधी की समाधि)
RAJGHAT
(SAMADHI OF MAHATMA GANDHI)



Rashtriya Swachhata Kendra (RSK), New Delhi

Museum

6.4m x 4.5 m - 10 mm Outdoor LED Displays





Rashtriya Swachhata Kendra (RSK), New Delhi

Museum

6.4m x 4.5 m - 10 mm Outdoor LED Displays





Sushma Swaraj Bhawan (SSB), New Delhi

Architectural LED Displays

3.84m x 2.88m - 6 mm Outdoor LED Displays



Sushma Swaraj Bhawan (SSB), New Delhi

Architectural LED Displays

17.28m x 3.84m- 10 mm Outdoor LED Displays – 2 sets



SUSHMA
SWARAJ
BHAWAN

Quad Display at Bengaluru International Airport

Out-of-Home (OOH)

5.7m x 2.8m - 10 mm Outdoor LED Displays- 5sets





Government of Rajasthan

Public Information Display
 3.84m x 2.88m - 10 mm Outdoor LED Displays- 339 sets

कार्यालय
 जिला कलेक्टर एवं मजिस्ट्रेट
 अजमेर




National Disaster Response Force
12th Raising Day
Talk on "Inner Strength and Disaster Resilience"
by
Gurudev Sri Sri Ravi Shankar
Inauguration by
Shri Kiren Rijiju
Hon'ble Minister of State for Home, Govt. of India
3 February 2017, Vigyan Bhawan, New Delhi

Vigyan Bhawan, New Delhi

Auditorium (Plenary Hall)

9.5m x 5.1m - 4mm Indoor LED Displays



Smarter. Greener. Together.

To learn more about Delta Displays ,
please visit www.deltadisplays.com

