

Trafik Stockholm Regional Traffic Control Centre

OVERVIEW

PROJECT LOCATION
Stockholm, Sweden

ENGINEERED BY
Mitsubishi Electric Sweden

CUSTOMER
Trafik Stockholm

PARTNERS
Electrosonic Ltd

COMPLETION DATE
January 2007

PROJECT DATA
State of the art regional traffic management centre.

APPLICATION
Control room
Traffic management
Security & surveillance
Crisis management

PRODUCTS USED
16 x VS-67PH50U

PRIMARY CONTACT
(UK and UAE)

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THE PROJECT

Managing traffic flow in and around Stockholm is the responsibility of Trafik Stockholm, a joint venture between the City of Stockholm and the Stockholm Region of the Swedish Road Administration (Vägverket). A new state-of-the-art control room equipped with a Mitsubishi Electric Display Wall system is the centrepiece of a sophisticated modern traffic management system.

THE SOLUTION

The main display of Stockholm's traffic control centre consists of 16 Mitsubishi 67in SXGA+ (1400x1050) projection cubes. The 11m Display Wall is capable of handling 36 real-time video inputs, two real-time RGB inputs, and eight additional RGB inputs, all managed by an Electrosonic Vn-Quantum videowall image processor. Inputs include high resolution RGB images carried over Ethernet using Electrosonic's Vn-Glimpse system.

The Trafik Stockholm control room manages a network of over 800 traffic cameras. The images are transmitted over dedicated networks using Teleste Mpeg-4 digital compression equipment. At the control room the images are decoded using Teleste MoRIS decoders before being routed to the image processor by a custom application developed for Trafik Stockholm by Serco.

As well as displaying remote cameras, the Display Wall system can also accept local inputs like off-air TV, video players and computers. The processor has four additional outputs that allow multiple signal feeds to be sent to remote sites such as the adjacent crisis management suite and the headquarters of the Road Administration (Vägverket) at Solna

The Display Wall system delivers bright, crisp images despite the relatively high ambient light levels in the room, enabling operators to work effectively in a comfortable, naturally-lit environment.

Trafik Stockholm

Regional Traffic Control Centre



Trafik Stockholm - Regional Traffic Control Centre

SPECIFICATIONS

Model	VS-67PH50U
Technology	1 Chip DLP™(0.95"DMD 1-chip)
Native Resolution	SXGA + (1400 x 1050 pixels)
Size	67" (1359 mm x 1019mm)
Brightness	Bright mode: 500cd/m ² (typ.) Normal mode: 400cd/m ² (typ.)
Contrast Ratio	1800:1 (typ.)
Colour Reproduction	16.7 million
Input Scanning	Horizontal: 31.5kHz - 78kHz Vertical: 49.5Hz - 85Hz
Analogue RGB	RGB signal level: 0.7Vp-p 75Ω Synchronous: TTL level Sync on green
Lamp	High pressure lamp 6,000 hours (bright mode) 10,000 hours (normal mode)
Control I/O	RS-232C: D-sub 9 pins Control link: D-sub 9 pins x 2 (I/O) Wire remote:3.5mmjack IR Receiver
Weight	91kg
Power consumption	195W(Typ)

MITSUBISHI ELECTRIC DISPLAY WALL

The perfect choice for command & control display systems.

Mitsubishi Display Wall is the preferred choice of many of Europe's specialist systems integrators for its performance, longevity, reliability and ease of maintenance in control room applications

Mitsubishi's patented Colour Space Control and dynamic brightness balancing ensure superb clarity in use, while optional features such as automatic lamp changing and automatic colour wheel calibration help to ensure 24/7 reliability and resilience in mission-critical applications.

There are now over 20 product variants in the Display Wall range, meaning that whatever the application, there is a Display Wall product ideally suited to the task. Call us or visit our website to find out more about Display Wall in action.

