

Company Profile

In 1998 Talvision, a division of Taltronics was established and from January 2010, Talvision was restructured under the new name of EEU Taltronics (PTY) Ltd concentrate solely on the Control Room and innovative visual engineering environments.

EEU, short for Electrical Engineering Unlimited, was established in 1991. Since inception EEU has been the consultant / contractor on engineering and ergonomic issues relating to various 24/7 control rooms and control suites. EEU's past clients include Sasol, Petro SA, ABSA, Eskom, Anglo Gold, ABB, Foskor, Samancor, PMC, Caltex, Botswana Electrical, NECSA and Infracore.

In the past 14 years the most notable achievements in regards to turnkey REAR PROJECTION projects, and driving the control rooms of major corporations including Telkom, Eskom, Vodacom and MTN in the South African market.

Our first project in South Africa was the installation of a 5 x 6 (30 modules) 50" system for Vodacom SA in Bellville Cape Town.

Taltronics was also involved in the original installation of the Telkom SA National Operation Centre in Centurion Pretoria. A total of 284 rear projection modules were used to create their very impressive video wall as parallel information to their operators.

Taltronics installed a 6 x 5 (30) 50" system for the National Control Centre (NCC) Eskom in Simmerpan Germiston. It was later upgraded to a 7 x 5 (35 modules) configuration.

One of our biggest installations in South Africa is the MTN system. The system was moved from Alice Lane in Sandton to MTN's new innovation centre in 2003. It was initially built as a 6 x 2 configuration. We've upgraded the system to a 14 x 3 configuration. Later the system was increased to a total of 14 x 4 (56 modules) system.

We have vast experience of designing industrial 24/7 control rooms using sound engineering and ergonomic principles. We've also supplied, installed and commissioned many large screen DLP / LCD displays together with the associated video wall controllers within various control room projects covering the following areas:

- Electrical and Water Utilities control
- Telecommunication network operations
- Security, Surveillance and Emergency control
- Petro-chemical process control
- Banking security and network supervision
- Emergencies and Metro services
- Mining industry

EEU Taltronics (PTY) Ltd is the sole agents for Mitsubishi Electric's range of Display Engineering products, and represents Jupiter Systems USA on their complete range of video wall controllers and display solutions products.



Profile of the Mitsubishi Electric Group

The Mitsubishi Electric Group operates on the corporate principle of contributing to creating a vibrant and affluent society by enhancing its technologies, services, and creative powers, as a leader in the manufacture and sales of electric and electronic equipment used in Energy and Electric Systems, Industrial Automation, Information and Communication Systems, Electronic Devices, and Home Appliances.

Corporate Data

(As of March 31, 2011)

Mitsubishi Electric Corporation
Tokyo Building,
2-7-3, Marunouchi, Chiyoda-ku, Tokyo 100-8310, Japan

President & CEO:	Kenichiro Yamanishi
Phone	+81 (3) 3218-2111
Established:	January 15, 1921
Paid-in Capital:	¥175,820 million
Shares Issued:	2,147,201,551 shares
Consolidated Net Sales:	¥3,645,331 million
Consolidated Total Assets:	¥3,332,679 million
Employees:	114,443

Energy and Electric Systems:

Turbine generators, hydraulic turbine generators, nuclear power plant equipment, motors, transformers, power electronics equipment, circuit breakers, gas insulated switches, switch control devices, surveillance-system control and security systems, large display devices, electrical equipment for locomotives and rolling stock, elevators, escalators, building security systems, particle beam treatment systems, and others

Industrial Automation Systems:

Programmable logic controllers, inverters, servomotors, human-machine interface, motors, hoists, magnetic switches, no-fuse circuit breakers, short-circuit breakers, transformers for electricity distribution, time and power meters, uninterruptible power supply, industrial fans, computerized numerical controllers, electrical-discharge machines, laser processing machines, industrial robots, clutches, automotive electrical equipment, car electronics and car mechatronics, car multimedia, and others

Information and Communication Systems:

Wireless and wired communications systems, surveillance cameras, satellite communications equipment, satellites, radar equipment, antennas, missile systems, fire control systems, broadcasting equipment, data transmission devices, network security systems, information systems equipment, systems integration, and others



Electronic Devices:

Power modules, high-frequency devices, optical devices, LCD devices, microcomputers, system LSIs, and others Home Appliances LCD televisions, projection TVs, display monitors, projectors, DVD players and recorders, room air conditioners, package air conditioners, air-to-water heat pump boilers, refrigerators, electric fans, ventilators, photovoltaic power generation systems, hot water supply systems, LED lamps, fluorescent lamps, indoor lighting, compressors, chillers, humidifiers, dehumidifiers, air purifiers, showcases, cleaners, rice cooker, microwave ovens, IH cooking heaters, and others

Others: Procurement, logistics, real estate, advertising, finance and other services



Cities, shops, offices and schools around the world look to Mitsubishi Electric for the best in advanced visual information systems and total visual solutions. Mitsubishi Electric offers a diverse line-up of highly reliable imaging and display devices, including large-screen LCDs, multimedia projectors, large-scale LED displays, business-use printers, security solutions and more, all designed to deliver outstanding performance and image quality that exceeds customers' expectations and provides an exciting and fascinating visual experience. Renowned for reliability and durability, our displays incorporate the latest in cutting-edge technologies that ensure high picture quality, low maintenance and efficient operation wherever installed.

Display Walls

Display walls and control systems that not only incorporate the latest technologies and innovations, but also provide the reliability and quality people expect when they hear the Mitsubishi Electric name. Patented color gradation control and dynamic brightness balancing technologies ensure superb clarity in use, while optional features such as automatic lamp changing and automatic color wheel calibration contribute to constant reliability and resilience.

LCD Screens

Mitsubishi Electric offers a wide range of LCD public display monitors and TFT-LCD modules for industrial use that combine high visibility and quality design to realize excellent performance and durability. As the use of digital signage, command and control room applications and human-machine interfaces continues to expand, Mitsubishi Electric will do its utmost to improve energy efficiency while maintaining high performance and providing a range of benefits that ultimately lead to substantial cost savings throughout the product's lifecycle.



Jupiter Systems: A Global Leader in Visualization Products

Jupiter Systems is the leading worldwide supplier of display wall processors. Jupiter's best-of-breed products are designed for continuous, 24x7 operation and are used in network operation centers; electric power generation, transmission and distribution control rooms; boardrooms; intelligent traffic systems; emergency services dispatch centers; financial management operations; surveillance and security centers; and fixed and mobile military operations control centers in thousands of sites around the world.

Customers include the transit authorities of Boston, Washington, D.C., and Chicago, telecommunications companies such as AT&T, Sprint, Verizon, TeliaSonera, Deutsche Telekom; and other users such as Boeing, GE, Northrop Grumman and NASA.

Jupiter display wall processing is consistently chosen across all branches of government: local, state and federal. Jupiter processors are used in briefing centers and control rooms at the CIA, NSA, FBI, U.S. Army, U.S. Navy, U.S. Marines and U.S. Air Force, as well as in the Pentagon.

Jupiter processors are also found in Munich Airport, the emergency response center in Barcelona, the Warsaw stock exchange, the World Health Organization, police agencies throughout Asia, Europe, and the Americas, at Reuters Switzerland, and in many other major companies, universities and government agencies throughout the world.

Jupiter Systems product lines offer a continuum of performance, functionality, redundancy and price, providing customers with choices to precisely meet their needs and budgets. Jupiter products are manufactured in the US in the company's ISO 9001:2008 registered facility, and are backed by the industry's most comprehensive warranties.

Founded in 1982, Jupiter Systems sells products through a global network of value-added resellers and integrators, supported by Jupiter offices in North America, Europe and Asia. The company operates a wholly owned subsidiary in China, Jupiter Systems China. Jupiter Systems is employee-owned and incorporated in California

JUPITER SERVICE & SUPPORT

Since its founding in 1982, it has been Jupiter's goal not only to develop a variety of industry-changing products for its customers, but to deliver the highest-quality customer service and technical support. Whether online or on the phone, we are here to answer your questions and provide you with the tools necessary to utilize Jupiter products to their fullest potential.

Jupiter supports its worldwide network of value added resellers and integrators with the best training and expert support in the industry. The local, authorized Jupiter reseller/integrator is an end user's first line of support. Jupiter provides the advanced training and resources to allow its resellers/integrators to meet any customer support requirement. When needed, Jupiter's own staffs of service and support experts are brought in to augment the efforts of the local reseller/integrator.

When you buy a Jupiter Systems product you can have complete confidence not only in your purchase, but also in the company that stands behind it. Jupiter support efforts are held to the same high standard we set for our products. Simply, we are dedicated to service and support because we know how much your investment means to you and your organization.

Past Project by EEU Taltronics:

Telkom SA (Pty)Ltd (Shared Contract)	284 Channel
Eskom Simmerpan	35 Channel
MTN SA	56 Channel
MTN Newlands	12 Channel
Nampower	6 Channel
Swaziland Power Board	6 Channel
Majuba Power Station	8 Channel
TDM Mozambique	10 Channel
NRA	8 Channel
MTC	8 Channel
Joy Mining	6 Channel
Vodacom	30 Channel
Bedfordview JOC Room	4 Channel
Nelson Mandela Bay Electricity	12 Channel
NECSA *	18 Channel
SAPS JOC Centers for Soccer World Cup *	11 Controllers
Old Mutual *	12 Channel

(*Supply of wall controllers only)

Current projects

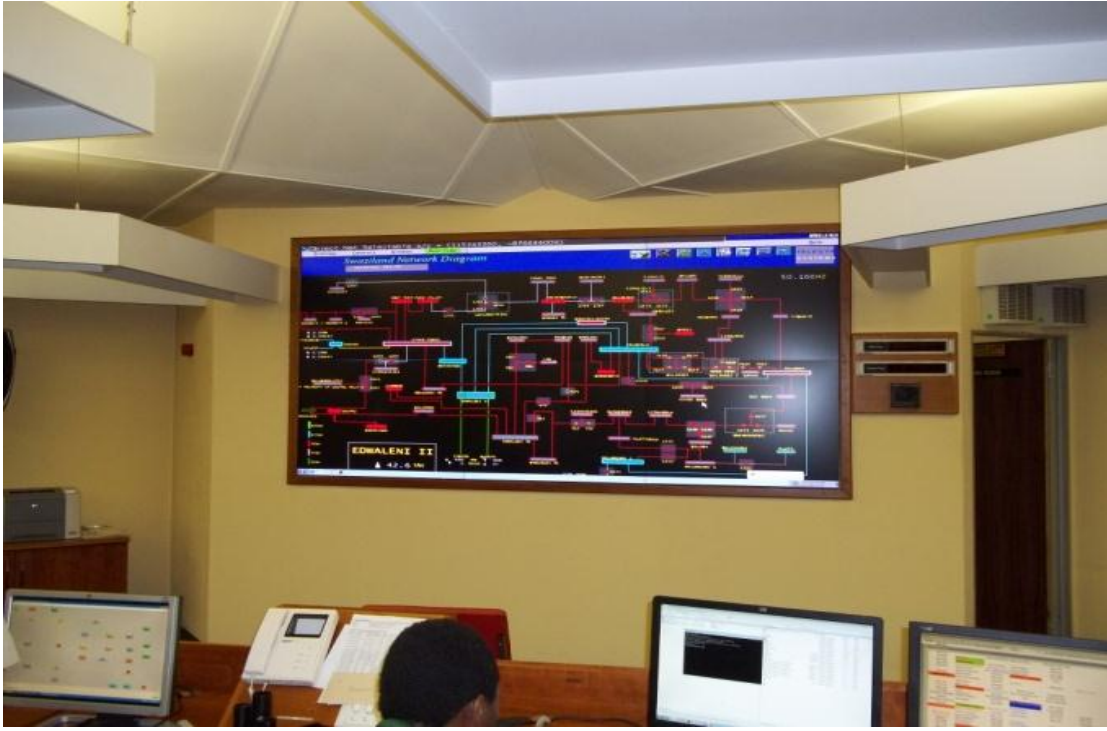
QATAR: Water Systems infrastructure DOHA Qatar. Installing the first of 18 new water pipeline control rooms in DOHA Qatar and surrounding areas

Vision

To be the Partner of choice on the African continent, in providing visual solutions to the market

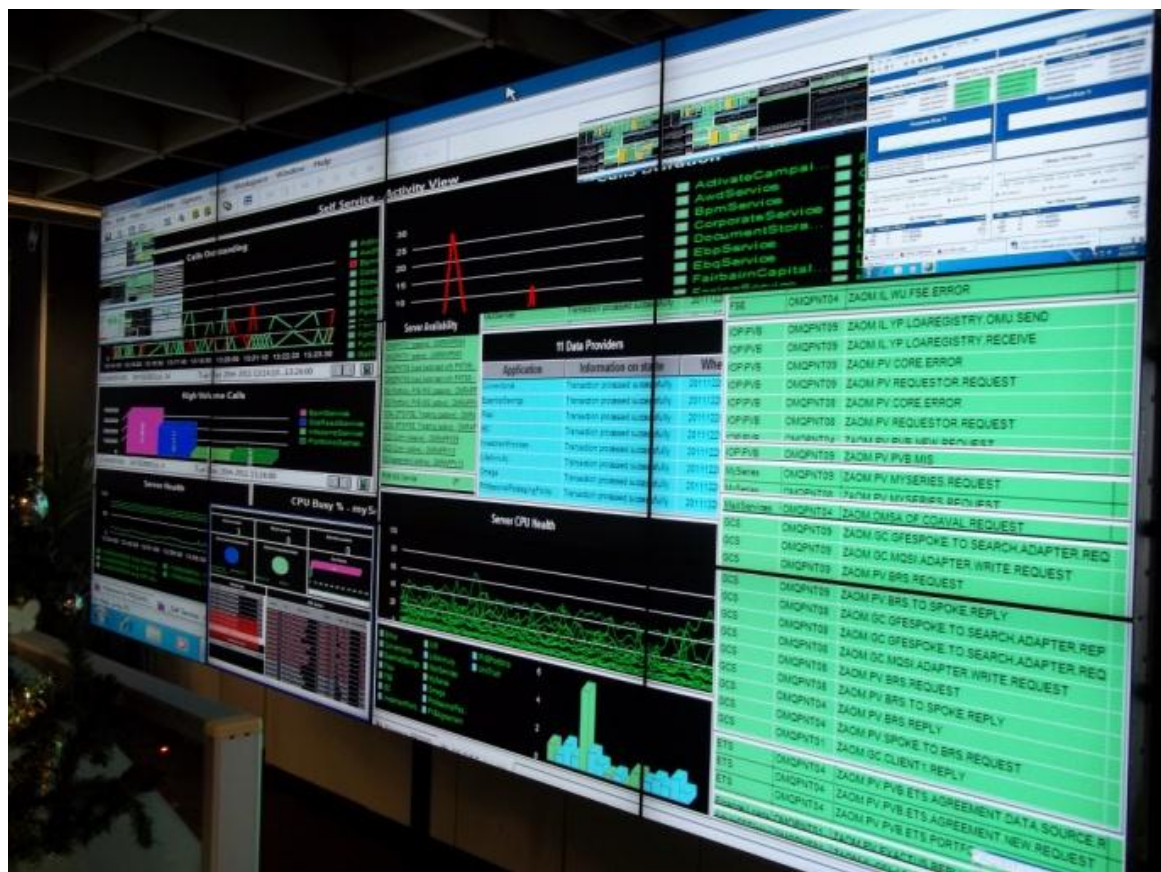
Mission

Building on the past successes of Taltronics, together with the integrity and experience of our employees we strive for superior service in providing visual solutions that would enable our customers to provide a high quality of service or solution to their market and in doing this, building sustainable relationships for the future.



Swaziland Electricity Company - LED DLP + Jupiter FC4000 Controller Managing Swaziland Electricity's SCADA applications and various external input sources

TELECOMUNICAÇÕES DE MOÇAMBIQUE – Turnkey Project



Majuba Power Station – LCD Video wall Used for simulation purposes in the training of control room operator personnel

Old Mutual Head office – Jupiter PixelNet Managing 12 LCD displays and 12 separate input sources monitoring statistics and various data applications



Telkom SA – Monitoring national telecoms network



EEU Taltronics (PTY) Ltd Demo Room

