

# INDUSTRONICS BERHAD – THE SPECIALIST ON ELECTRONIC PUBLIC INFORMATION DISPLAY SYSTEMS



Incorporated in 1975, Industronics Berhad is an established electronics company well known in Malaysia and internationally for its many high profile products, services and projects implemented. Listed as a technology company on the Kuala Lumpur Stock Exchange in Malaysia, the Company has the financial and human resources to undertake major technology based projects around the world. With a team of brilliant engineers, software and system professionals and a dedicated workforce, Industronics has completed many high profile projects to the full satisfaction of its customers.

Industronics Berhad is a multi-award winning company, being twice winner of the coveted National Product Excellence Award by the Ministry of International Trade and Industry of Malaysia and four times winner of the Product-of-the-Year Award by PIKOM, the computer industry association of Malaysia. The Company is also ISO9001 certified for its quality delivery. Industronics Berhad has also won the KLSE Corporate Sectoral Awards for the Second Board under Technology.



Awards won by Industronics

Being incorporated at the time when the microchip and microprocessor technology was at its infancy, Industronics corporate history spans through the same period of exponential growth of the semiconductor chip technology. It is therefore not surprising the Industronics was one of the pioneers in the world to apply the power of the microprocessor and stored programme control in developing its products and applications.

## COMPANY FOCUS

Over the years, Industronics had developed a wide range of electronic products and had successfully completed many projects both large and small. The following are the areas of special focus of the Company.

### ELECTRONIC PUBLIC INFORMATION DISPLAY SYSTEMS

Public information display systems are an important means of communicating timely information to the public at large in public concourses, campuses and other amenities. Examples are sports stadium/complexes, airports, railway stations, bus stations, stock or commodity exchanges, highways, convention centres, exhibition halls, community centres, universities, colleges, hotels and shopping complexes. Besides manufacturing a wide range of display boards, Industronics provides total system solutions covering hardware, software, communications network and applications solutions to meet the exact requirements of clients. Being many years as developer of integrated public information display solutions, Industronics has developed proven and tested systems for practically every type of applications for public information dissemination. Notable amongst the hundreds of applications that the Company had developed are:-

#### Airport Flight Information Display Systems (FIDS)

Industronics has developed total integrated FIDS solutions for airports of all sizes, ranging from very large international airports or medium sized regional airports to small sized district airports. Unlike many FIDS suppliers, Industronics offer total in-house solutions for all FIDS subsystems without having to outsource certain subsystems to third party suppliers. Salient to the success of Industronics FIDS is the Company's in-



Flight Information Display System (FIDS) at the KL International Airport

house developed FIDS system software complete with a network communications interface which can meet the stringent requirements of even the largest international airport in the world. With its expertise on electronic display technology, Industronics FIDS can accommodate all types of display media like LED or LCD display boards, electro-mechanical flip boards, flat screen display monitors and LCD or plasma display panels.

Of the many airport FIDS installations in Malaysia, the showcase FIDS installation is the prestigious Kuala Lumpur International Airport (KLIA). Another high profile FIDS project which the Company is currently involved in is the New Bangkok International Airport that is currently under construction.

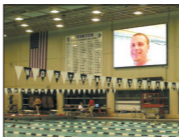
### Electronic Scoreboards

Industronics Berhad is one of the leading companies internationally which develops a full range of electronic display and scoreboards for all types of sports, games and stadiums. Being in the business of sports displays and timing systems for more than 25 years, Industronics scoreboards and display systems marketed under the brand name "Olympex" were used in many international games like the Asian Games in Bangkok, the Commonwealth Games in Malaysia and the SEA Games in Malaysia, Philippines, Thailand and also the recent Games in Vietnam.

Industronics manufactures a complete range of scoreboards including dedicated low cost general purpose or game-specific scoreboards, mid-range matrix scoreboards and state-of-the-art full colour video matrix scoreboards



Olympex LED Full Colour Video Matrix and Two Tone Matrix combination scoreboard at the 13th Asian Games, Thailand



Full colour Video Matrix Display at Northwest University, Illinois, USA

which can display full colour video on a giant display viewable even in bright daylight conditions. Industronics Full Colour LED Video Display Boards are exported to many countries including the United States of America.

### Giant Screen LED Video Boards

Industronics is an established manufacturer of giant screen LED video boards used in a wide range of applications including indoor/outdoor advertising, convention centres, public concourses and shopping centres.

The general characteristics of the LED boards include its long life, low maintenance, energy efficiency and modularity.



Olympex Full Colour Video Matrix LED Display Board



Olympex Full Colour Video Matrix LED Display at Dataran Shah Alam

### Variable Message Signs (VMS) And Intelligent Transportation Systems (ITS)

Industronics is a key provider of integrated ITS solutions for a number of intelligent highways in Malaysia. The Company undertakes contracts to supply complete systems for intelligent highways including VMS, toll collection systems, traffic control management, CCTV surveillance, emergency telephones and congestion detection. The Company manufactures LED traffic lights and VMS for a wide range of highway applications.



Olympex LED traffic lights for Intelligent Transportation Systems (ITS)

### Real-Time Stock And Commodity Display

Modern stock and commodity exchange and broking houses require large public information systems that can present real time pricing information for hundreds of items. Industronics has proven solutions for all such applications. The Rashid Hussein Securities in Kuala Lumpur is an example of a large and impressive real-time stock information system.

The modern world and society is rapidly becoming more information driven. All new developments that involve a big gathering of human beings must be equipped with basic public information display infrastructure. Industronics Berhad has a solution that suits each and every need.



Real Time Stock Exchange Information Display System

### COMMUNICATION SYSTEMS

The Industronics Communications Division is a telecom equipment distributor, systems integrator and solution provider — supplying products for network synchronization, GPS timing, cellular coverage enhancement, data communication, broadcast transmission, wireless communication and lightning protection systems.

### AV/MULTIMEDIA SYSTEMS

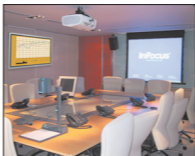
Industronics undertakes state-of-the-art AV/multimedia and conferencing systems for convention centers, assembly halls, boardrooms, entertainment centers and concert halls.

### INDUSTRIAL AUTOMATIONS

Industronics Automation Sdn. Bhd., a subsidiary of Industronics Berhad, provides industrial automation, and control and monitoring solutions. It also provides services in SCADA, telemetry, flood mitigation, building automation and lightning protection. ■



Communications Systems



Audio Visual Systems



Control Automation Solutions