



65
GLORIOUS YEARS

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ELECTRONICS & ENGINEERING PTE LTD



ELECTRONICS &
ENGINEERING PTE LTD

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OUR MOTTO

"Get it Right the First Time"

ELECTRONICS & ENGINEERING is recognized as a leading provider of professional audio and visual solutions and has firmly established its presence with customers in more than 20 different countries in Asia.

The Story of E&E : In The Beginning

An old proverb states, "From small beginnings come great things." That is the story of Singapore, as well as Electronics & Engineering Pte Ltd. As the nation of Singapore built itself from the ground up, overcame many challenges, pioneered new endeavours and excelled to new heights; so did Electronics & Engineering, a company that has established its true identity and legacy.

Nestled on a small block of pre-war buildings along Outram Road where they are still located to this day; the story of Electronics & Engineering begins here, a story that continues to grow 65-years on. For over six decades, E&E has stuck by its roots in business and continues to live upon the principles vested by its founder, Mr Goh Kiok Chuan. Mr Goh was no stranger to overcoming challenges and pioneering new endeavours. Throughout the 1930s and 1940s, he had already begun laying the foundation for the future of E&E.

Even at a young age, Mr Goh had a hard work ethic. He was already the bread-winner of the family consisting of five brothers and a sister at a young age in Pontian, a small town in Johor. He always wanted to be an entrepreneur. As a young man, he opened a small photo studio in Benut, 25 km away from Pontian and took on the Singer Sewing Agency and rode his bicycle from villages to villages to service Singer sewing machines and also taking photographs with his camera. He develops the rolls of films when he reached home and delivers the photos when he went on his next round.

Possessing a true spirit of a Singaporean pioneer, he worked hard in many jobs, and faced many challenges, not the least of which is his own fears and insecurities. He got married at a young age of 20 in 1938 to his sweetheart whose family came frequently to his photo studio to have their family photos taken by him. When the Japanese Army invaded Malaya in December of 1941, life was difficult during these turbulent times and he decided to move his family to Singapore in 1942 and stayed in a rented house along Outram Road.

After the Second World War, Mr Goh managed to secure a job with Shaw Brothers as a cinema projectionist and later with Rank O'Connor's as a service engineer. Subsequently, he joined Hong Kong United, a film production and distribution company which owned cinemas around the region. He became their technical manager and rose through the ranks. During this period, Mr Goh had assisted his boss, Mr Chan Kum Yuen who was from Hong Kong, to produce a Hokien movie, "The Taming of the Princess", which was shot in the film studios in Singapore.



Mr Goh Kiok Chuan at his Singer Sewing Machines repair shop in Benut



Mr Goh Kiok Chuan standing in front of his residence before converting it to an office (1946)



Mr Goh at his desk



Sitting at his table near the entrance serving a customer (c. 1950s)



Mr Goh Kiok Chuan in front of the office converted from his residence (1951)

The Story of E&E : In The Beginning

The advent of the 1950s saw Mr Goh leaving the familiarity of film studios and sound stages to be an entrepreneur and runs a new business venture, a business that would forever change his life and his legacy. It began when Mr Goh and two close friends had an idea to start a company to cater to the popular mediums of that time by specialising in two main areas: Radio and Cinema.

In 1951, Electronics & Engineering was born. The company began importing portable electron tube radios, radio parts and WISI antennas from Germany. However, the radio business did not do well and after a few years, Mr Goh decided to go back to his love of the movie projection industry and business. His other two partners were not interested in the Cinema business and bought themselves out which left Mr Goh to run E&E by himself.

By the late 1950s, E&E was renowned as a specialist in refurbishing 35mm cinema projection systems and had become a main supplier for the local cinema industry including Cathay Organisation. In April 1959, E&E secured the exclusive agency of their first product, National Carbon, which manufactures carbon rods, the light source for the cinema industry at that time.

Entering the 1960s, the development of sound system products for the cinema industry and the Public Address systems were getting to be more and more sophisticated. E&E began to face an escalation of sound reinforcement installations in schools and auditoriums as well as in nightclubs, hotels and restaurants. No one could ignore the fact that professional sound reinforcement systems were in high demand.



Mr Goh Kiok Chuan and his son Ronald, in front of the office under a new signboard - notice the showcase displaying the "National Carbon" lighted display and boxes, carbon rods on the shelf



Mr Goh Kiok Chuan visits the SanRex office in Tokyo



Harun and Phyllis Lim at their desks (1960)



Mr Goh at an Italian Trade Show (c.1980s)



After his 3 years of tertiary education at the Singapore Polytechnic, Ronald joined E&E full time in 1965



Ronald Goh behind his first desk after he joined the company full time in 1968



Visit by the Ushio team from Japan



Ronald Goh with Dr Jacek Figwer of BB&N (1972)

The Story of E&E : In The Beginning

Mr Goh's eldest son Ronald was born into the business and has been helping out his father even when he was studying in the Queenstown Secondary Technical School. After school, he would put his school bag away and be at the beck and call of his father. In 1965, E&E had installed a new Altec sound system for the 2-year old Singapore National Theatre.

Young Ronald, graduating from Singapore Polytechnic joined the company full time in 1968. As cinema was very close to his heart, Mr Goh senior concentrated his efforts on cinematographic projection equipment while Ronald turned his attention to the new and exciting technologies in professional sound reinforcement.

As E&E entered the 1970s, Mr Goh Kiok Chuan, with his son Ronald, had the courage to embark on even bigger projects including the huge 35mm projection system with the largest carbon-arc lamphouse available for Cathay's Jurong Drive-In Cinema with a 47 x 100 ft outdoor screen. But the company's first real "big break" came in 1972, when E&E won the tender to install the outdoor and indoor sound reinforcement systems designed by renown acoustical consultant, Dr Jacek Figwer from the firm BB&N for the Singapore National Stadium. It was E&E's first opportunity to work with an International consultant and they learn quickly. After their successful installation at the Singapore National Stadium, E&E moved on to win more equally prestigious contracts such as Malaysia's Stadium Negara, and the Selangor Dewan Jubilee Perak Auditorium and Banquet Hall, also designed by BB&N.

Around this period of the 1970s, Indonesia was experiencing a huge boom in its movie industry because of the introduction of the 5.1 cinema surround sound system. This created a huge demand for 35/70mm film projectors with 5.1 or 6-channel magnetic sound tracks and E&E was called upon to install one or two cinemas every month in the region and especially in Indonesia. This pace went on for many years and covered most major cities in Indonesia.

The professional audio market also continued to expand into the 1980s and more defining moments for the company soon followed. E&E won bids to be the first to design and install sound systems into many glamorous nightclubs like the Golden Million Nightclub chain and Hotel ballrooms and quickly became to be recognised as a leading provider of turnkey audio visual solutions - a service that was a first of its kind in the region.

Continuing its growth into the 1990s, the company's reach had encompassed more than a dozen countries. With so many acclaimed projects including the fame Hard Rock Cafes under its belt, the E&E brand quality was recognised all over Asia including China.



Mr Goh Kiok Chuan and his son Ronald side by side in their office (1973)



ALTEC factory visit in May 1985



A visit to Electro-Voice headquarters in Buchanan, Michigan in 1991



In 1995, E&E moved into their new 4-storey office space at 285 Outram Road



Showroom at 285 Outram Road

Rising To The New Millenium

The beginning of a new millennium heralds of new things to come; and it seemed well timed when Ronald's son Gary, a graduate from the Royal Melbourne Institute of Technology, decided to follow in the generational footsteps of his father - just as Ronald did with his father - and continue the legacy of the family business.

E&E have raised the bar many times and worked extensively in the region, everyone who knows pro audio from India through South East Asia to China knows just how much the company stands true to its mission statement:

"To offer our best services and expertise in our line of work by providing the best working solutions possible to our customers and getting it right the first time to their complete satisfaction."

For E&E, the next level of greatness is just one step away. Through the years, this pioneering company has had to overcome much, but through hard work, diligence, and perseverance, they have tackled the great. As the company celebrates its 65 glorious years of legacy, it celebrates its roots in a business that operates as it always has – **To deliver excellence in everything they do, to the complete satisfaction of its customers without fail.**

In 2015, E&E was selected and featured as one of the Top 50 local companies that contributed to the building of our nation in the SG50 Tribute Edition Book, which was published in conjunction with Singapore's 50th birthday.



Ronald Goh and his son Gary Goh



Head of Departments



Executive Team



E&E Indonesia



E&E Technologies



Systems E&E Malaysia



E&E Systems India



Photo taken at E&E Warehouse at Tuas

Projects : Cinemas

Towards the end of the 1950's, Electronics & Engineering had established its presence as a main supplier to the local cinemas from the 60s and was a specialist in refurbishing 35mm film projection systems. The decade of the 70s was a golden age for the cinema industry in the region and especially in Indonesia where the craze was for 70mm movies with magnetic 5.1 cinema surround sound systems. In 1975 when Dolby Stereo first made its mark, and later with Dolby 5.1 decoded surround sound tracks, E&E was constantly approached by cinema owners to upgrade their cinema installations and undertake many such projects especially in Singapore and Malaysia for many years up to the present.

Mr Goh Kiok Chuan had a great interest in the cinema industry from a very young age, having been a cinema projectionist and later a service engineer for the cinematographic equipment and constantly drives E&E to pursue to be the best in this industry to this day. E&E became an equipment vendor and service provider to the Cathay Organisation since the 70s and continues to this day. When Cathay built the first Drive-in Cinema in Jurong in 1972, E&E was appointed to provide the turnkey contract for the 35mm projection system with the largest carbon arc lamp houses available to provide a good illumination to the permanent 47 ft by 110 ft outdoor screen and with the sound distributed through special in-car weather proof speakers which the user would remove them from its cradle and hook onto their car windows to enjoy the movie. With their experience, E&E was called upon to install the Drive-in Cinema in Surabaya in 1978.

E&E has installed more than 300 screens to date since they installed their first cinema hall in the early 1960s.

In 2013, E&E was appointed to integrate the sound system within the GVmax hall in Vivo City, Singapore to meet the specifications of the Dolby Atmos sound format. To achieve that, E&E recommended and installed EAW cinema speakers system as they comply with Dolby Atmos requirements for speaker configuration and the positioning metadata of the audio stream to optimize 64.2 channels playback in the GVMax Cinema Hall.



The Cathay Building (1973)



Jurong Drive-in Cinema (1972)



Mr Goh Kiok Chuan inspecting a cinema installation (1991)



SINGAPORE

2016	Mega GDC Digital Services
2016	MediaCorp Theatre @ MediaPolis
2016	ITE Central AMK Cinema
2016	Golden Village Tiong Bahru
2015	Golden Village Vivocity
2015	Golden Village Yishun
2015	Golden Village Tiong Bahru
2015	The Arts House
2015	NTU 4K Cinema
2014	NTU 3D Cinema
2014	Cathay Cineplex Orchard
2014	Filmgarde Cineplex Kallang
2013	Filmgarde Kallang Leisure / Bugis Plus
2013	Cathay Cineplex Orchard
2013	Cathay Cineplex JEM
2013	Golden Village Great World City
2012	Golden Village Jurong Point
2012	Cathay Cineplexes Pte Ltd
2012	Golden Village City Square/ Jurong Point
2012	Mega GDC Digital Service Pte Ltd (Cinema)
2011	Golden Village Katong Mall
2011	Toa Payoh Cineplex
2011	Mediacorp TV Singapore Pte Ltd
2010	Golden Village Multiplex Tiong Bahru
2010	The Cathay Cineplex
2010	Cathay Cineplex Causeway Point
2010	Cathay Cineplex AMK Hub
2009	Bugis Urban Entertainment
2009	Cathay Orchard Cineleisure
2009	The Grand Cathay Cineplex
2009	GV Grand
2009	Kallang Leisure Park Cineplex
2009	Filmgarde Bugis Iluma
2009	Singapore Discovery Centre
2008	Filmgarde Bugis Iluma
2008	Cathay Cineplex Downtown East
2007	Kallang Theatre
2007	Former Rex Theatre
2007	Cathay Cineplex AMK Hub
2005	The Cathay Cineplex
2001	West Mall Cinema
2000	Sun Plaza Cineplex
1999	Ang Mo Kio - Broadway 1
1999	Plaza Theatre
1999	Bukit Batok West Mall Cineplex
1998	Suntec City Cineplex
1997	Toa Payoh Cineplex
1996	Ang Mo Kio Cineplex
1995	Princess Cineplex
1994	Empress Cineplex
1994	Golden Theatre
1994	Mandarin Cineplex
1993	Golden Theatre
1993	Hougang Cineplex
1993	New Crown Theatre
1993	Pavilion Cineplex Tampines
1993	Yishun 10 Multiplex
1992	Empress Cineplex
1992	Golden Theatre
1992	Clementi Theatre
1992	Broadway Cineplex

- 1992 Yishun 10 Cinema Complex
- 1992 Yangtze Cineplex
- 1991 Majestic Theatre
- 1991 Regal Theatre
- 1991 Queensway Cinema
- 1991 Mandarin Cineplex
- 1991 Cathay Cineplex
- 1991 Mandarin Theatre
- 1991 The Picturehouse
- 1991 Bedok Cinema
- 1990 Orchard Theatre
- 1989 Marina Theatre
- 1987 Majestic Theatre
- 1987 Central Cinema
- 1982 Golden Sultan Theatre
- 1981 Jubilee Theatre
- 1981 Straits Theatre – Woodlands
- 1980 Empress Theatre – Clementi
- 1980 Bedok Cinema
- 1980 New City Theatre - Paya Lebar
- 1979 Leisure Drome - Kallang Park
- 1979 Broadway Cinema
- 1979 Regal Cinema - Bukit Timah
- 1978 Gala Cinema
- 1977 Mandarin Theatre
- 1976 Yangtze Theatre
- 1973 Cathay Building
- 1972 Jurong Drive-In Cinema
- 1972 Toa Payoh Theatre

MALAYSIA

- 2013 Cathay Cineplex, City Square Johor
- 2013 Golden Screen Cinemas Sdn Bhd
- 2013 Iskandar Malaysia Studio Sdn Bhd
- 2009 GSC East Coast Mall
- 2009 GSC Tropicana City Mall
- 2009 GSC IOI Mall - Puchong
- 2009 GSC Berjaya Megamall - Kuantan
- 2009 MBO Cineplex – The Spring Kuching
- 2009 Cathay Damansara Cineleisure
- 2008 Cathay Damansara Gold Class - KL
- 2007 Sentul Cinema - KL
- 2006 Cathay Cineplex - City Square JB
- 2006 Cathay Damansara Cineplex - KL
- 2005 Berjaya Times Square - KL
- 2005 Mega Pavilion Cinema
- 2001 Pragnin Mall Cinemas - Penang
- 2000 Sun Plaza Cineplex
- 2000 City Square Cineplex - JB
- 1999 Mid-Valley MegaMall
- 1999 King's Theatre - Sib
- 1999 Komtar Theatre - JB
- 1999 Bintulu Cineplex – Malaysia
- 1999 Summit City USJ
- 1999 Amcorp Mall Cineplex - KL
- 1999 Smile - UA Cineplex Smile
- 1998 Mega Mall Cineplex – Kuantan
- 1998 Mega Mall Cineplex - Penang
- 1997 Batu Pahat Cineplex
- 1997 Bukit Mertajam Cineplex
- 1997 Permas Cineplex
- 1997 Sungei Patani Cineplex
- 1996 Klang Cineplex
- 1996 Perlina Cineplex
- 1996 Batu Pahat Cineplex
- 1996 Seremban Cineplex



Cathay Cineplex (1991)



The Screening Room, The Arts House (2015)



GV City Square, Singapore (2012)



GV Max Dolby Atmos, VivoCity, Singapore (2013)



Filmgarde Bugis Illuma (2008)



Mawtin Tower Cineplex, Yangon (2010)

- 1995 Bangsar Cineplex
- 1994 Senayang 4 – Hall
- 1994 Sky studio - KL
- 1992 Pavilion Cinemas Ipoh
- 1992 Riverside Cineplex Kuching
- 1991 Lahad Theatre – Sabah
- 1980 Lacin Theatre – Sabah
- 1979 Meton Theatre - Kuala Lumpur
- 1979 Capitol Theatre - Johore Bahru
- 1979 Lucky Theatre - Triang, Pahang
- 1978 Panggung Goodwood Theatre - KL
- 1977 Mandarin Theatre – Taiping
- 1976 Star Theatre - Kuala Lumpur
- 1976 New Empire Theatre – Tawau
- 1976 Mandarin Theatre – Taiping
- 1976 Seri Intan Theatre - Alor Star
- 1976 Palace Theatre – Sib
- 1976 Lido Theatre - Kota Kinabalu
- 1975 Cathay Cinema – Sitiawan
- 1975 Odeon Theatre – Ipoh
- 1974 King's Theatre – Sib
- 1974 Majestic Theatre - Petaling Jaya
- 1973 Cathay Cinema – Segamat
- 1972 Panggung Ruby - Petaling Jaya
- 1972 Rejang Theatre - Sib

INDONESIA

- 1991 Hollywood Theatre – Surabaya
- 1981 Liberty Theatre – Jakarta
- 1979 Siantan Theatre – Pontianak
- 1979 Kepuas Indah Theatre – Pontianak
- 1979 Paramount Theatre
- 1979 Sukabumi Theatre
- 1978 Surabaya Drive-In Cinema
- 1976 Juwita Theatre – Medan
- 1976 Sindang Theatre – Sumatra
- 1976 Ria Theatre – Surabaya
- 1976 Mahakama Theatre
- 1975 Benhill Theatre – Jakarta
- 1975 Wijaya Theatre – Surabaya
- 1974 Campaka Theatre – Jakarta
- 1974 Singaraja Theatre – Bali
- 1973 Pontianak Theatre – Pontianak
- 1973 President Theatre – Bandung
- 1973 Sumertera Theatre – Palembang
- 1972 Jayakarta Theatre – Jakarta
- 1972 Roi Theatre – Jakarta
- 1972 Krekot Theatre – Jakarta
- 1972 Gloria Theatre – Jakarta
- 1972 Nurantara Theatre – Jakarta
- 1972 Kebayoran Theatre – Jakarta

BRUNEI

- 2002 The Mall Cineplex
- 1975 Seri Theatre

MYANMAR

- 2010 Mawtin Tower Cineplex, Yangon
- 2009 Junction Centre, Ney Pyi Taw

VIETNAM

- 2010 Motion Picture University, Hanoi
- 2010 Motion Picture University, HCMC
- 2010 Cultural Centre
- 2010 Quang Ninh Cinema, Hanoi
- 1997 Tan Son Nhat Cinema, HCMC

Projects : Hotels, Resorts, Malls & Corporate Offices

Electronics & Engineering has been providing high-end audio and visual solutions to the hospitality industry for over five decades, and has a keen understanding of customising an audio and visual system for any of the hotel's amenities in order to generate the most appealing atmosphere possible, be it in the Lobby, the Ballrooms, Conference and Meeting Rooms or in the Restaurants and Lounge Bars.

It doesn't seem that any project is too large for E&E to handle, which is why Marina Bay Sands Singapore entrusted E&E to provide much of the major audio systems throughout the entire facility. The MBS project was an undertaking on a mega scale with E&E performing all the AV and MATV systems, as well as the supply and installations of 7,000 units of ceiling and wall mounted speakers for background audio portions which set a new E&E record for the most number of speakers and equipment racks installed in a single project.



Marina Bay Sands (2009)



Resorts World Sentosa – Sci-Fi City (2009)



Shangri-la Hotel (1984)



ION Orchard – Residences (2010)

PROJECTS

- 2016

Singapore Land Tower
Corporate Office
- 2016

Oracle Corporate Office
- 2016

Louis Vuitton, Ngee Ann City
- 2016

DSO Demo Centre & Auditorium
- 2016

LEGO Corporate Office
- 2016

StarHub MediaHub
- 2016

Bank of China
- 2016

Mecure Hotel
- 2015

Marina Bay Sands
- 2015

Resorts World Sentosa
- 2015

Riverview Hotel
- 2014

Dior Store, Marina Bay Sands
- 2014

Shangri-La Hotel
- 2014

Dior Store Ngee Ann City
- 2014

Marina Bay Sands
- 2014

Grand Hyatt Singapore
- 2014

Orchard Central
- 2013

Louis Vuitton Plaza Senayan, Jakarta
- 2013

Louis Vuitton Starhill Store, KL
- 2013

Miu Miu Store, KL Pavilion Mall
- 2013

RELC International Hotel
- 2013

Junction Square, Myanmar
- 2013

Marina Bay Sands
- 2012

Louis Vuitton Store, Ngee Ann City
- 2012

Shangri-La's Rasa Sabah
- 2011

Orchard Hotel
- 2011

Shangri-La Hotel
- 2011

Grand Hyatt Singapore
- 2011

Marina Bay Sands
- 2010

ION Orchard – Residences
- 2010

Marina Bay Sands – Burberry store
- 2010

Miri Marriott Resort & Spa
- 2010

Marina Bay Sands – MATV
- 2010

Grand Copthorne Waterfront
- 2010

ION Orchard – Residential
- 2009

Marina Bay Sands
- 2009

Resorts World Sentosa – Sci-Fy City
- 2009

M Hotel – Meeting Rooms
- 2009

Marina Mandarin Hotel
- 2009

Shangri-La Hotel – Island Ballroom
- 2009

Shangri La Hotel – Surabaya
- 2008

BMW Showroom
- 2008

Marriott Hotel
- 2008

Shangri-La Hotel
- 2008

Conrad Centennial
- 2008

Sheraton Towers – Ballroom
- 2008

Sentosa Resort
- 2008

The Beaufort Hotel – Grand Salon
- 2008

Orchard Hotel – Ballroom
- 2008

M Hotel – Lobby/Restaurants
- 2008

Conrad Centennial Singapore
- 2007

Grand Copthorne Waterfront –
Main Ballroom
- 2007

Raffles City Convention Centre
- 2007

Shangri- La Hotel – Shang Palace
- 2007

Hilton Hotel
- 2006

Sheraton Towers – Meeting Room
- 2006

Shangri-La Hotel – Club
- 2006

Four Seasons Hotel – Ballroom
- 2006

Hilton Hotel – IOH



Lego Corporate Office (2016)



Dior Store, Marina Bay Sands (2014)



Louis Vuitton, Plaza Senayan (2013)



Grand Hyatt (2001)



Grand Copthorne Waterfront – Main Ballroom (2007)



BMW Showroom (2008)



Conrad Centennial (2008)



Marina Mandarin (1988)



Goodwood Park Hotel – Windsor Ballroom (1994)

- 2005

Sentosa Leisure Group
- 2005

Goodwood Park Hotel
- 2005

Four Seasons Hotel – Conference
- 2005

Takashimaya
- 2005

Hilton Hotel – Grand Ballroom
- 2004

Shangri-La Hotel – Tower Ballroom
- 2003

Ritz-Carlton, Millenia – Ballroom
- 2002

Bugis Junction
- 2002

Compass Point
- 2002

Regent Hotel – Ballroom
- 2001

Grand Hyatt Hotel
- 2000

Shangri-La Hotel
- 1999

Conrad International Hotel
- 1999

Hilton Hotel – Ballroom
- 1998

Valley Point Condominium
- 1998

Causeway Point Atrium
- 1998

Forum Gallery
- 1998

Regent Hotel
- 1997

Novotel Orchid Inn Hotel
- 1997

Concorde Shah Alam Hotel
- 1997

Suntec City – Tower Records
- 1997

Robertson Walk Courtyard
- 1996

Conrad International Hotel
- 1996

Sedona Hotel – Yangon
- 1996

Mandarin Hotel
- 1996

Hotel InterContinental
- 1996

Marina Mandarin Hotel
- 1996

Shangri-La Hotel – Surabaya
- 1996

Kuda Huraa Reef Resort – Maldives
- 1995

Parco Complex
- 1995

Hilton Hotel
- 1994

Hilton International Hotel
- 1994

Mandarin Hotel
- 1994

Boulevard Hotel
- 1994

Goodwood Park Hotel
- 1994

Hilton International
- 1994

Regent Hotel
- 1994

Bayu Beach Resort – Bali
- 1994

Shangri-La Hotel
- 1993

The Westin Stamford & Plaza
- 1993

Shangri-La Ballroom
- 1992

Hyatt Regency Singapore
- 1991

Style Singapore
- 1991

Hotel Grand Hyatt Erawan – Bangkok
- 1991

Grand Hyatt – Jakarta
- 1990

Hyatt Regency Singapore
- 1990

Alkaff Mansion
- 1990

Dynasty Hotel
- 1989

Shangri-La Hotel
- 1989

Raffles City Atrium
- 1989

Magic Land - Marina Square
- 1988

Marina Mandarin Hotel
- 1988

Shangri-La Hotel
- 1986

Pan Pacific Hotel
- 1986

Shangri-La Hotel – Bangkok
- 1985

Sheraton Towers
- 1985

Hilton Hotel
- 1984

Shangri-La Hotel - KL
- 1984

Hilton Hotel
- 1983

Premier Hotel Sibu
- 1977

Great Eastern Hotel
- 1976

Shangri-La Hotel Ballroom

Projects : Performing Arts Theatres

As Electronics & Engineering entered the 1970s, the company began to take on even bigger projects. E&E was chosen to upgrade and install the sound system for the Singapore National Theatre in 1965. Since then, many conventional and historic theatres in Singapore and around the region, have called upon E&E's proven experience to provide only the best sound systems.

E&E is very proud of their involvement in Esplanade Theatres On The Bay, the symbol of the modern theatrical, music and arts scene in Singapore. E&E was awarded the contract to provide the sound reinforcement systems into five venues for this project: the 1,600-seat Concert Hall, the 2,000-seat Theatre, Theatre Studio, Rehearsal Studio, and Drama Centre. It is a crowning achievement which has strengthened E&E's reputation as a leading provider of audio and visual solutions in the region.

Eight years later, they move on to install the two Performing Arts theatres at Marina Bay Sands Integrated Resort, called the Grand and Sands Theatre. The larger Grand Theatre has 2,000 seats and the Sands Theatre, the resident theatre for the Disney Lion King Musical seats 1,600.

Their latest projects include The Victoria Theatre and Concert Hall, which is a National icon and The Star Performing Arts Centre (The Star PAC), located at the heart of Vista Exchange, Buona Vista. The venue is a state-of-the-art complex featuring a collection of performance and event spaces, boasting a 5,000-seat theatre, a multi-purpose hall, an outdoor amphitheater, rooftop reception area and supporting spaces of various sizes. This unique venue complete with stunning architecture and design provides a suite of performance spaces for a wide range of events and is the largest performance theatre equipped with broadcasting facilities in Singapore and continues to host a string of international performers who hold their concerts here.



The Star Performing Arts Centre (2014)



The Esplanade Theatres-By-The Bay (2002)



National Theatre (1963)



Genexis Theatre – Fusionopolis (2008)



Kallang Theatre (1996)

PROJECTS	
2016	Singapore Chinese Cultural Theatre
2015	Esplanade - Theatres on the Bay
2014	The Theatre at Solaire, Resort & Casino, Manila, Philippines
2014	The Star Performance Arts Centre
2013	Esplanade - Theatres on the Bay
2013	Victoria Theatre And Concert Hall
2012	The Star Performing Arts Centre
2012	Esplanade - Theatres on the Bay
2011	National University Cultural Centre
2010	MBS Performing Art Theatres
2008	Genexis Theatre @ Fusionopolis
2007	Rocky Hill Mess - Pasir Laba Camp
2006	Pitch Black Pictures
2006	Mindef Auditorium - Gombak
2005	CSIT Recreation Hall
2005	Ngee Ann Kongsi Auditorium
2002	Esplanade - Theatres on the Bay
2000	Istana Budaya National Theatre
1999	King's Theatre – Sibul
1999	Komtar Theatre - Johor Bahru
1996	Kallang Theatre
1996	Victoria Theatre
1995	Malaysia National Insurance Hall
1995	Alliance Francaise Theatrette
1992	Singapore Aviation Academy
1991	Tang Dynasty Village
1987	SISIR Auditorium & Theatrette
1985	SATS – Auditorium
1985	Shah Alam Royal Auditorium & Banquet Hall
1985	Pusat Islam Auditorium
1984	Rex Live Theatre
1981	Youth Centre Auditorium – Palembang
1980	Comcentre Theatrette
1963	Singapore National Theatre



Victoria Concert Hall (2013)



Marina Bay Sands – Grand Theatre (2010)



The Theatre at Solaire, Resort & Casino, Manila, Philippines (2014)



National University Cultural Centre (2011)

Projects : Clubs & Restaurants

Electronics & Engineering holds the honour for the design and installation of the sound system for the first truly discotheque in Singapore, called "Gino's-a-Go-Go." The disco fad was just beginning in the late 60s and E&E was called upon to design and install high end sound systems into many of the country's trendiest nightspots, such as the Barbarella Discotheque in Ming Court Hotel, and the Lost Horizon at the Shangri-la Hotel.

As a pioneer in providing customised system solutions for the entertainment industry, E&E continues to provide the highest level of pre and post sales support for all their customers, whether it is for a dance club, a live music bar, a sophisticated theme restaurant like Planet Hollywood or Hard Rock Cafes or just a simple restaurant foreground or background music sound system.



Barbarella Discotheque at Ming Court Hotel (1968)



KYO (2015)



Kuda Huraa Beach Resort – Maldives (1996)



Ce La Vi, Marina Bay Sands (2016)



Happy Bar (2004)



Club Gossip (2013)

PROJECTS

2016	Montreux Jazz Cafe
2016	Terra Rooftop Bar
2016	Good Old Days, Sentosa
2016	Ce La Vi, Marina Bay Sands
2015	CATO
2015	KYO
2014	Navaeh
2014	Deluxe Lido Palace
2014	1-Altitude
2014	Soma Street, Clarke Quay
2014	Chijmes
2014	Cheatuex
2014	Heroe's Bar
2014	PS. Café - Martin Road
2013	Club Gossip
2013	Chop Suey Cafe
2013	Tiong Bahru Bar
2013	Synergynthesky
2013	Fern & Kiwi
2013	Club Nitro
2012	Club Lava
2012	Gem Bar & Lounge
2012	The Butter Factory
2012	Jewel Box
2012	Chilli's Restaurant (Grandko Restaurants Pte Ltd)
2011	Balaclava Club
2011	Lucky 13
2011	Naughty Girl Nightclub Singapore
2011	Food for Thought
2011	Brewbaker's Bar
2011	Epicure
2010	Jewel Box
2010	Chillis Restaurant - RSW
2010	Balaclava - ION Orchard
2010	PS. Café - Ann Siang Hill
2010	Beer Market
2010	Attica Too Le Noir
2010	Hanoi Club
2009	Chilli's Restaurant - Tanglin Mall
2009	Grand Shanghai Restaurant
2009	Dynasty Classic KTV
2009	Stereolounge
2009	The Happy People
2009	Billy Bombers
2009	KPO Café Bar
2009	Ben & Jerry's
2008	PS. Café - Palais
2007	Soho & Millenia Walk - TCC Café
2007	Naughty Girl
2007	Oosh
2007	Bar Stop
2007	Wala-Wala Café Bar
2006	The Station Kitchen - St James Power Station
2006	One Nite Stand Bar & Comedy Club
2006	Thai Disco
2006	Da Paolo Ristorante Italiano
2006	Billy Bombers - Marina Square
2005	Crazy Horse Cabaret
2005	PS. Café - Harding
2005	SPA GO!
2005	Balaclava
2005	Grand Shanghai Restaurant
2005	The Living Room - Marriott Hotel
2004	Europa Wine Bar
2004	Europa Music Underground
2004	Attica



KPO Café Bar (2009)



Stereolounge (2009)



Jewel Box (2010)



Chop Suey (2013)



Billy Bombers (2009)



PS. Café - Harding (2008)



Chilli's (2009)



Attica (2010)



Tiong Bahru Bar (2012)

2004	Happy Bar
2004	Muthu's Curry Restaurant
2004	Sitara Restaurant
2003	Thamim's Café
2003	Igors - The Main Event
2002	Lido Palace
2002	Igors - The Main Event
2000	BBC/Scandals Café - KL
2000	Velvet Underground
2000	Rainforest Café
2000	Club Eden
1999	Rampage Pub
1999	Just Steak Restaurant
1999	Planet Hollywood - Kuala Lumpur
1999	Penny Black Pub
1998	Venom Dance State
1998	Te-Amor The Club
1997	Robertson Walk Courtyard
1997	Africa Heartbeat Restaurant
1997	Happy Restaurant
1996	Zouk Phuture
1996	Bill And Pub
1996	Oriental Forum
1996	Music World Disco
1996	Moonlite Park
1995	Molly Malone's Irish Pub
1995	Pyramid Club
1995	The Oaks Grill & Bar
1994	Velvet Underground
1994	Food, Drinks & Allied Workers Union KTV Lounge
1994	Dallas Theatre Lounge & Nite Club
1993	Sam's Wharf Restaurant
1993	Prego Restaurant - Westin Plaza
1992	The Trap - Singapore Shopping Centre
1991	Telok Ayer Market
1990	Ginga Karaoke Lounge
1988	Peranakan Place - Bibi's Pub
1986	Golden Million Night Club
1986	Dallas Theatre Lounge & Nite Club
1984	Midnight Express Discotheque
1984	Burger King - Peninsula Plaza
1984	Burger King - International Plaza
1984	Burger King - Holland Village
1984	New Lido Palace Restaurant & Nite Club
1983	Burger King - Parkway Parade
1983	Burger King - Liang Court
1983	Burger King - Orchard Plaza
1983	Shanghai De-Luxe Night Club - Ming Arcade
1982	Lido De-Luxe Night Club
1980	Penthouse Cabaret & Night Club
1980	Silver Star night Club & Restaurant
1978	Empire Theatre Restaurant & Night Club
1977	Prima Revolving Restaurant
1976	Golden Melody Night Club
1976	Sky Room International Night Club - Jakarta
1976	Golden Monaco Night Club
1976	Datoh Rajah Cabaret & Night Club
1975	Golden Mile Night Club
1974	Golden Million Night Club
1972	Paradise Tourist Complex
1970	Lost Horizon - Shangri-La
1968	Barbarella Discotheque - Ming Court Hotel
1965	Gino's a-Go-Go

Projects : Hard Rock Cafe

The first Hard Rock Cafe (HRC) opened its doors to the public on June 14, 1971, in London, England. HRC was an instant classic, attracting droves of customers with its first-rate, casual American fare, warm service and ever-present rock 'n' roll music and sensibility, and has ultimately become the world's leading collector and exhibitors of rock 'n' roll memorabilia.

Electronics & Engineering secured its first contract to install a sound reinforcement system for the inaugural Hard Rock Cafe Singapore in 1990, and continued over the next two decades to install sound systems into more Hard Rock Cafes around Singapore and in major cities all over South East Asia. E&E is recognised for its valuable insight and as a premier solutions provider with the company being involved in the installations of Hard Rock Cafes in Seoul, Taipei, Hong Kong, Beijing, Shanghai, Guangzhou, Shenzhen, Sentosa (Singapore), Kuala Lumpur, Malacca and Kota Kinabalu (Malaysia), Bali (Indonesia).



HRC Singapore (1990/ 2016)



HRC Kota Kinabalu (2015)



HRC Sentosa (2010)



HRC Kuala Lumpur (1991)



HRC Malacca (2012)



HRC Bali (1993/ 2012)



HRC Bangkok (2012)



HRC Singapore Changi Airport Terminal 3 (2007)

PROJECTS

2016	Hard Rock Cafe - Singapore
2015	Hard Rock Cafe - Kota Kinabalu
2013	Hard Rock Cafe - Singapore
2013	Hard Rock Café - Jakarta
2012	Hard Rock Café - Bangkok
2012	Hard Rock Hotel - Bali
2012	Hard Rock Hotel - Malacca
2010	Hard Rock Cafe - Sentosa
2007	Hard Rock Cafe - Singapore Airport
1997	Hard Rock Cafe - Shenzhen
1997	Hard Rock Cafe - Seoul
1996	Hard Rock Cafe - Guangzhou
1996	Hard Rock Cafe - Shanghai
1995	Hard Rock Cafe - Manila
1995	Hard Rock Cafe - Taichung
1995	Hard Rock Cafe - Hong Kong
1994	Hard Rock Cafe - Beijing
1993	Hard Rock Cafe - Taipei
1993	Hard Rock Cafe - Bali
1992	Hard Rock Cafe - Jakarta
1991	Hard Rock Cafe - Kuala Lumpur
1991	Hard Rock Cafe - Bangkok
1990	Hard Rock Cafe - Singapore

Projects : Stadiums

For almost four decades now, Electronics & Engineering has been involved in the proper planning and coordination for sound systems in outdoor sports stadiums and indoor arenas. In 1972, E&E had its first “big break” when it won the tender to supply and install the outdoor and indoor sound system for the Singapore National Stadium. Due to the great success of their National Stadium project, E&E went on to win many more contracts to install larger sound system installations and more sound systems for stadiums and indoor arenas in the region. E&E carries the highest quality selection of professional audio products so owners and designers can have better options, and to deliver the best solution for the customer.

PROJECTS

2015	Singapore Sports Hub
2015	Singapore Indoor Stadium
2013	Singapore Sports Hub
2003	Singapore Indoor Stadium
1998	Singapore National Stadium
1997	Penang Stadium
1995	Senayan Stadium - Jakarta
1993	Dhaka Stadium – Bangladesh
1992	Singapore National Stadium
1991	Singapore Indoor Stadium
1990	Singapore National Stadium
1989	Singapore Indoor Stadium
1989	Negara Stadium - Kuala Lumpur
1973	Singapore National Stadium



Singapore Indoor Stadium (2003)



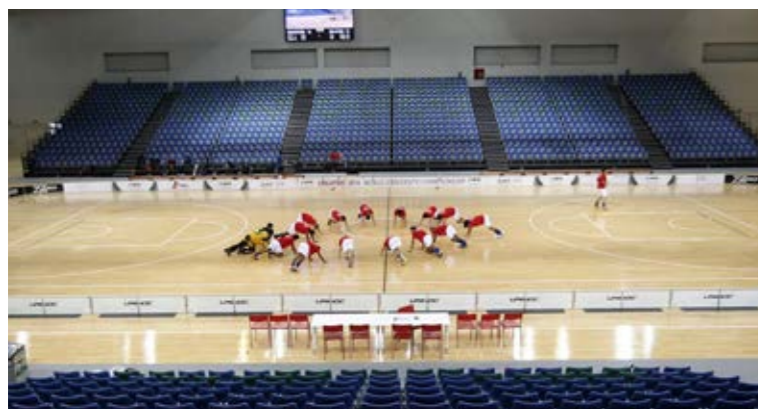
Singapore National Stadium (1973)

Over 40 years after the completion of the National Stadium in 1972, the dynamic new Singapore Sports Hub opened on the same site in Kallang. In August 2012, E&E was once again secured the contract for the full integration of the Event Sound System and High Definition LED Giant Screens. Over the past decade, E&E has also been involved with new LED installations at the Singapore Indoor Stadium.

In 2016, the Institute of Engineers in Singapore selected Singapore Sports Hub as one of the Top 50 Engineering Feats in conjunction with SG50. E&E is truly honoured to have had the opportunity to work on this prestigious project.



Aquatic Centre at Singapore Sports Hub (2013)



OCBC Arena at Singapore Sports Hub (2013)



Singapore Sports Hub, National Stadium (2013)

Projects : Houses of Worship

Electronics & Engineering is a highly reputed professional audio and visual system integrator with a profound expertise in providing comprehensive solutions for audio, video, lighting, and broadcast systems for use in today's churches, temples, and other places of worship where the interior acoustics is challenging. E&E has always managed to provide a good working solution and has installed sound systems into more than 200 churches to date, with customised solutions being engineered for use in many of Singapore's large-size and historical churches and to the complete satisfaction of the congregation.



St Andrew's Cathedral (2003)



Victory Family Church (2013)



Church of the Risen Christ (2007)



Buddha Tooth Relic Temple (2007)

PROJECTS

2016	Trinity Christian Centre
2016	Kum Yan Methodist Church
2016	Masjid Yusof Ishak
2016	Masjid Al Khair
2016	Lian Shan Shuang Lin
2016	Living Sanctuary Church
2016	Touch Community Services @ Bukit Merah
2015	The Salvation Army (Bishan Chinese Corp)
2015	Wesley Methodist Church
2015	Central Sikh Temple
2015	World Revival Prayer Fellowship
2015	Bethany Independent Presbyterian Church
2015	Masjid Al Islah
2015	Masjid Al Ansar
2015	Grace Assembly of God
2014	Victory Family Centre
2014	Hope Church
2014	Church of Our Saviour
2014	Faith Community Baptist church
2014	Life Bible Presbyterian Church
2014	Grace Assembly of God
2014	Zion Bishan Bible Presbyterian Church
2014	Paya Lebar Methodist Church
2013	Sri Srinivasa Permul Temple
2013	Victory Family Centre
2013	Our Lady Star of the Sea
2013	Mangala Vihara
2013	Grace Methodist Church
2013	Faith Community Baptist Church
2012	Church of Our Saviour
2012	Hope Church
2012	St. Andrew's Cathedral
2012	Faith Community Baptist church
2012	Bethel Assembly Of God Church
2012	Christ Methodist Church
2012	Singapore Life Church
2012	The Salvation Army Chapel
2011	Church Of Our Saviour (COOS)
2011	True way Presbyterian Church
2011	Hope Church
2011	Living Sanctuary Brethren Church
2011	St. James Church
2011	Wesley Methodist Church
2010	Paya Lebar Methodist Church
2010	Full Gospel Assembly
2009	Toa Payoh Methodist Church
2009	Bethesda Serangoon Church
2009	Chapel of Christ The Redeemer
2009	Agape Methodist Church
2009	His Arrow Church
2009	Sri Sathya Society
2009	Fairfield Methodist Church
2009	Church of St. Bernadette
2009	Pasir Panjang Hill Brethren Church
2008	Zion Bible-Presbyterian Church
2008	St Andrew's Cathedral
2008	Charis Evangelical Free Church
2008	Faith Community Baptist Church
2008	Fairfield Methodist Church
2008	Agape Christian Centre
2008	Living Sanctuary Church
2008	Buddha Tooth Relic Temple (Phase 2)
2008	Harvester Church
2008	Lighthouse Evangelism
2007	Buddha Tooth Relic Temple
2007	Church of the Risen Christ
2007	Zion Bible-Presbyterian Church
2007	Living Sanctuary Brethren Church
2007	Lighthouse Evangelism
2007	Berean Assembly of God Church
2007	Westside Anglican Church
2007	Church of Our Saviour
2007	St. Andrew's Cathedral



Hope Church (2011)



Main Sanctuary, Wesley Methodist Church (2016)



Baptismal Hall, Wesley Methodist Church (2016)



Faith Community Baptist Church (2012)



Masjid Al Islah (2015)



St Francis Xavier Church (2000)



Grace Assembly of God (2016)

2007	Novena Church
2007	Harvester Assembly of God
2007	Bethesda Chapel
2006	Chapel of Christ the Redeemer
2006	St. George's Church
2006	Church Of Christ
2006	Kum Yan Methodist Church
2006	Pentecostal Church of Singapore
2006	The Methodist Church of Incarnation
2006	Church of the Risen Christ
2006	St. Andrew's Cathedral
2006	Grace Assembly of God
2006	Fairfield Methodist Church
2006	Bedok Methodist Church
2006	Grace (S.C.C) Church
2006	Zion & Faith BP Church
2005	House of God Church
2005	Chapel of Resurrection – Sanctuary
2005	Calvary Pandan B-P Church
2005	Christ Methodist Church
2005	Church of St. Vincent De Paul
2005	RiverLife Church
2004	Pasir Panjang Brethren Hill Chapel
2004	Clementi Bible Centre
2004	Living Hope Methodist Church
2004	The Navigators, Singapore
2004	CornerStone Community Church
2003	St. Andrew's Cathedral
2003	Sri Sathya Sai Society of Singapore
2003	Phor Kark See Monastery
2003	Pasir Panjang Hill Brethren Church
2002	Elim Church
2002	Bethesda Cathedral Church
2001	Church of Christ the King
2001	Novena Church
2001	Covenant Presbyterian Church
2001	Singapore Buddhist Welfare
2001	Cairnhill Methodist Church
2000	Church of the Holy Family – KL
2000	SIB (Kuala Lumpur) Church
2000	Bethany Evangelical Free Church
2000	St. Francis Xavier Church
1999	Church of the Holy Family
1999	Wesley Hall
1999	KLIA Mosque – Malaysia
1998	Wesley Church
1998	Kampong Jerudong Mosque – Brunei
1998	Semenari Theology Malaysia
1997	True Way Presbyterian Church
1996	Our Lady of Lourdes
1996	Zion Church
1995	St. Joseph Cathedral
1995	City Harvest Church
1995	Bukit Batok Church
1994	Church of St. Bernadette
1994	Church of the Holy Family
1994	Singapore Buddhist Welfare
1992	Wesley Methodist Church
1991	Kum Yan Methodist Church
1990	Trinity Christian Centre
1989	Singapore Buddhist Welfare
1989	Singapore Buddhist Youth Mission
1989	Kampong Kapor Methodist Church
1988	Church of the Good Shepherd
1987	Church of Praise
1986	Kim Tian Christian Church
1986	Foochow Methodist Church
1986	Fairfield Methodist Church
1986	Singapore Buddhist Lodge
1986	Singapore Life Church
1985	Church of Christ the King
1984	Punggol Temple
1983	Church of Holy Family
1980	Majid Agung Mosque – Palembang

Projects : Educational Institutions

With our many years of experience in designing and installing professional audio and multi-media systems into public and private educational institutions, Electronics & Engineering can offer the very latest in AV technology, equipment, training, and services for universities, junior colleges, and primary and secondary schools. E&E prides itself on surpassing every expectation when it comes to fulfilling a school's AV needs.

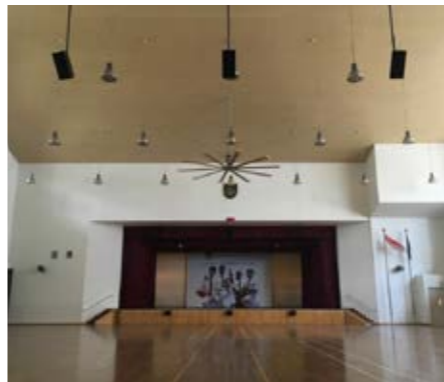
In 2000, E&E also installed a 'Distant Learning' System for the University of Chicago, Singapore Campus, which was the first in Singapore.



Chinese High School, Kah Kee multipurpose hall (2004)



Singapore Sports School (2004)



Greenridge Secondary School (2015)



LASALLE College of the Arts (2007)

PROJECTS		
2016	NTU, School of Art, Design & Media	2006 National University of Singapore
2016	Ngee Ann Polytechnic	2006 Nanyang Technological University
2015	Greenridge Secondary School	2006 Anglo-Chinese Junior College
2015	ITE College Central	2006 St. Andrews Junior College
2015	Fairfield Methodist School	2006 Serangoon Junior College
2014	Singapore Bible College	2006 Methodist Girls School
2014	St. Patrick's School	2006 Singapore Sport School
2014	SEAMEO Regional Language Centre	2006 Chung Cheng High School
2014	Singapore Institute of Management	2006 Global Indian International School – Siglap
2014	Chung Cheng High School	2005 NTU Communal Hall
2014	Nanyang Technological University	2005 Singapore Polytechnic
2014	Republic Polytechnic	2005 Chao Yang Special School Hall
2013	National University of Singapore	2005 Hillgrove Secondary School
2013	Institute for Infocomm Research	2005 Telok Kurau Primary School
2013	Singapore Institute of Management	2005 Qihua Primary School
2012	Singapore Institute Of Management	2005 Global Indian International School – Mei Chin
2012	Nanyang Technological University	2004 Singapore Sports School
2012	National University of Singapore	2004 Methodist Girl's School
2012	Nanyang Polytechnic	2004 Chinese High School
2012	Temasek Polytechnic	2004 Global Indian International School
2011	Nan Hua High School	2004 National University of Singapore
2011	United Nations International School	2003 St. Andrew's Junior College
	At Hanoi, Vietnam	2003 Temasek Polytechnic
2011	Republic Polytechnic	2003 Nanyang Polytechnic
2011	Temasek Polytechnic	2003 St. Patrick's School
2011	Admiralty Secondary School	2003 Anglo-Chinese School – Barker Road
2011	Singapore Polytechnic	2003 CHIJ Katong
2011	Nan Hua High School	2003 Deyi Secondary School
2010	National University of Singapore	2003 Fairfield Secondary School
2010	Singapore Institute of Management	2003 Fairfield Methodist Primary School
2010	Singapore Polytechnic	2002 Singapore Soka Association
2010	Parkview Primary School	2001 Chung Cheng High School
2009	Nanyang Technological University	2001 Mayflower Secondary School
2009	Hwa Chong Institution	2001 Yishun Secondary School
2009	LASALLE College of the Arts	2001 Coral Secondary School
2009	NUSS Alumni Complex	2000 National Institute of Education
2009	Academy of Rock	2000 University of Chicago
2008	National University of Singapore	2000 Temasek Junior College
2008	NUS Alumni House	2000 Serangoon Junior College
2008	NUS Guild House	2000 Temasek Secondary School
2008	NUSS Alumni Complex	1999 Paya Lebar Methodist Primary
2008	Nanyang Technological University	1998 CHIJ - Katong Secondary School
2008	Anglo Chinese Junior College – CPA	1996 St. Andrews Junior College
2008	LASALLE College of the Arts	1995 Ngee Ann Polytechnic
2008	Global Indian International School – Balestier	1994 Raffles Institution
2007	National University of Singapore	1994 Methodist Girls School
2007	Nanyang Technological University	1993 St Andrew's Junior College
2007	Singapore Institute of Management	1993 Methodist Girls' School
2007	Hwa Chong Institution	1990 Ngee Ann Polytechnic
2007	Serangoon Junior College	1988 National University of Singapore
2007	St. Andrews Junior College	1988 Ngee Ann Polytechnic
2007	Republic Polytechnic	1983 Ngee Ann Polytechnic
2007	Ngee Ann Polytechnic	1982 Nanyang Technological University
2007	LaSalle College of the Arts	1981 Hua Yi Government Middle Chinese School
2007	Anglo-Chinese School	1980 University of Malaya – Kuala Lumpur
2007	Greenridge Primary School	

Projects : Hospitals



National University Hospital (2007)



Khoo Teck Puat Hospital (2010)



Ng Teng Fong General Hospital And Jurong Community Hospital (2014)



Singapore National Eye Centre (2002)



Bright Vision Hospital (2002)

PROJECTS

2015	Singapore National Eye Centre
2014	Ng Teng Fong General Hospital And Jurong Community Hospital
2014	Singapore National Eye Centre
2013	Singapore National Eye Centre
2013	Jurong Health Alexandra Hospital
2012	Jurong Health Alexandra Hospital
2011	Khoo Teck Puat Hospital
2010	Khoo Teck Puat Hospital
2008	Ren Ci Hospital & Medicare Centre
2007	National University Hospital
2002	Singapore National Eye Centre
2002	Ministry of Health – Main building
2002	Bright Vision Hospital
1981	Johor Medical Centre – Malaysia
1981	Ipoh Specialist Hospital

Electronics & Engineering offers the most advanced, compliant, and electrically safe nurse calls, intercom and sound systems for hospitals, other medical office buildings and facilities. E&E provides complete turnkey packages from design to installation, with having over 25 years experience in engineering audio solutions for hospitals, using high performance products such as loudspeakers designed for applications that require excellent speech intelligibility when used as part of a hospital’s paging or intercom system, and in any other areas designed to increase a hospital’s efficiency.

Ng Teng Fong General Hospital (NTFGH) incorporating Jurong Community Hospital (JCH) are the first hospitals in Singapore to be designed and built together from the ground up as an integrated development to complement each other to from an integral part of the Jurong Lakeside District. E&E was called upon to create and install technology for this integrated development to empower the medical professionals to help serve the needs of the community.

Projects : Country Clubs & Community Centres



Singapore Turf Club (2009)

With the explosive growth of Country and Golf Clubs sprouting all over Asia, E&E has a keen understanding that the success of a facility lies not only in visual splendour of its architecture and interior furnishings, but also in having flexible and reliable audio and visual support to ensure a flawless execution of any size event. At E&E, we are ready to fully equip your facility with state-of-the-art audio and visual solutions and by careful planning down to the very last detail we ensure your event to have the greatest success.



Singapore Island Country Club (2009)



Jurong Country Club (2008)



Laguna National Golf & Country Club (2002)



Singapore Swimming Club (1998)



Orchid Country Club (2006)

PROJECTS	
2009	Orchid Country Club
2009	Singapore Island Country Club
2009	Singapore Turf Club
2009	National Sailing Centre
2008	Singapore Island Country Club
2008	Tanglin Club
2008	Jurong Country Club
2007	Orchid Country Club
2006	Orchid Country Club
2005	Tanglin Club
2005	Eagle Club
2003	Laguna National Golf & Country Club
2002	Laguna National Golf & Country Club
1998	Singapore Swimming Club
1998	Nexus Karambunai Golf Resort
1994	Aranda Country Club
1994	Changi Beach Club
1994	Raffles Marina Club
1992	Selangor Turf Club
1991	Changi Beach Club
1987	Singapore Island Country Club
1981	Tanglin Club House
1981	Changi Sailing Club



Changi Sailing Club (1981)

Electronics & Engineering has over 25 years experience with providing complete turnkey packages from designing, supplying, and installing the most advanced compliant and safe audio and visual systems for use in Community Centres, Libraries, and other public buildings and facilities. E&E carries an extensive range of product that produces sound quality in keeping with the facility's expectations for excellent speech intelligibility especially when used in the main PA system in a multipurpose hall or as an overall paging and background music systems that cover public circulation areas, offices, and rooms.



Ang Mo Kio Community Library (2002)



Pasir Ris Elias Community Club (2004)



The multipurpose hall in Pasir Ris Elias Community Club (2004)



Braddell Heights Community Club (2001)



Changkat Community Club (2000)



Kebun Baru Community Centre (1995)



Kaki Bukit Community Centre (1988)



Thomson Community Club (1997)



Tanglin Community Club (1996)

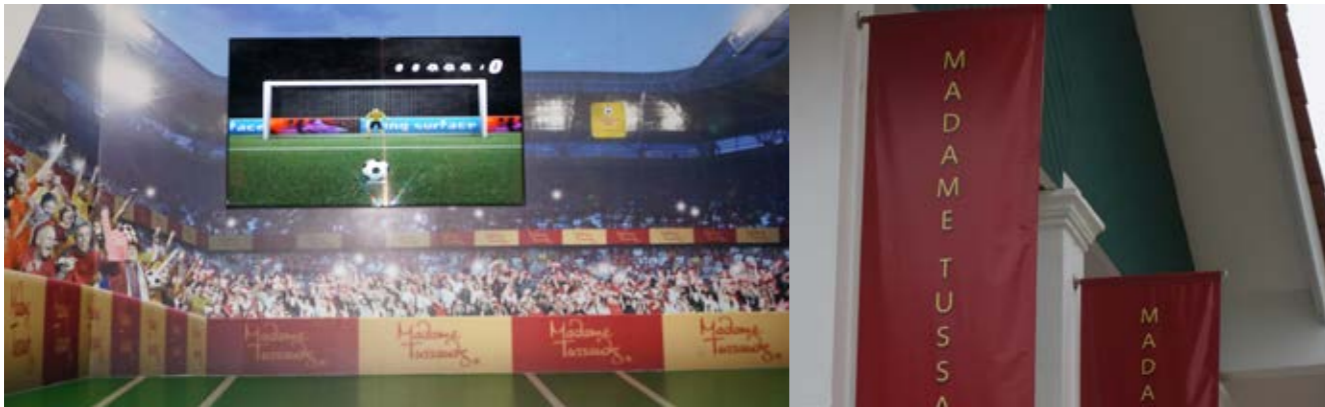
PROJECTS

- 2004 Pasir Ris Elias Community Club
- 2004 Jalan Besar Boon Keng RC
- 2002 Bukit Gombak Community Centre
- 2002 Ang Mo Kio Community Library
- 2001 Braddell Heights Community Club
- 2000 Changkat Community Centre
- 1997 Ang Mo Kio Community Centre
- 1997 Thomson Community Club
- 1997 Jalan Besar Community Centre
- 1996 Ang Mo Kio Community Centre
- 1996 Tanglin Community Club
- 1995 Kebun Baru Community Centre
- 1989 Kampong Kembangan Community Centre
- 1989 Hong Kah Community Centre
- 1989 Yuhua Community Centre
- 1989 Marine Parade Community Centre
- 1989 Tampines Community Centre
- 1988 Kolam Ayer Community Centre
- 1988 Kaki Bukit Community Centre
- 1988 Anson Community Centre
- 1988 Nee Soon Community Centre
- 1988 Changkat Community Centre
- 1988 Feng San Community Centre
- 1988 Siglap Community Centre
- 1987 Cheng San Community Centre
- 1986 Clementi Community Centre
- 1986 Yio Chu Kang Community Centre
- 1986 Buona Vista Community Centre
- 1985 Ayer Rajah Community Centre
- 1985 Aljunied Community Centre
- 1985 Anson Community Centre
- 1985 Queen's Street Community Centre
- 1985 Braddell Heights Community Centre
- 1984 Katong Community Centre
- 1984 Crawford Community Centre
- 1984 Jalan Besar Community Centre
- 1983 Sembawang Community Centre
- 1982 Queenstown Community Centre

Projects : Museums and Heritage Centres



National Museum of Singapore (2016)



Madame Tussauds (2014)

Over the years, E&E has not only specialized in professional audio-video consultation but also in effective turn-key solutions to maximise the potential of various venues such as the Sun Yat Sen Nanyang Memorial Hall, Madame Tussauds and most recently the Lee Kong Chien Natural History Museum.

E&E has brought history to life through various exhibits and interactive displays providing professional audio solutions and video pixel mapping solutions which have continued to provide visitors with unforgettable and extraordinary experiences.



Singapore Science Centre – 3D Projection System (2009)



Army Museum of Singapore (2007)



Indian Heritage Centre (2015)



Singapore Discovery Centre – Visionarium (2006)

PROJECTS

- 2016 National Museum of Singapore
- 2015 Lee Kong Chian Natural History Museum
- 2015 Indian Heritage Centre
- 2014 National Museum Singapore
- 2014 Madame Tussauds
- 2014 Heritage Conservation Centre
- 2014 Singapore Sports Hub, Sports Museum
- 2012 Malay Heritage Centre
- 2011 Sun Yat Sen Nanyang Memorial Hall
- 2011 National Heritage Board
- 2011 Maritime XPERIENTIAL Museum
- 2009 Singapore Science Centre
- 2007 Army Museum of Singapore
- 2006 Singapore Discovery Centre - Visionarium
- 2006 Singapore History Museum



Malay Heritage Centre (2012)



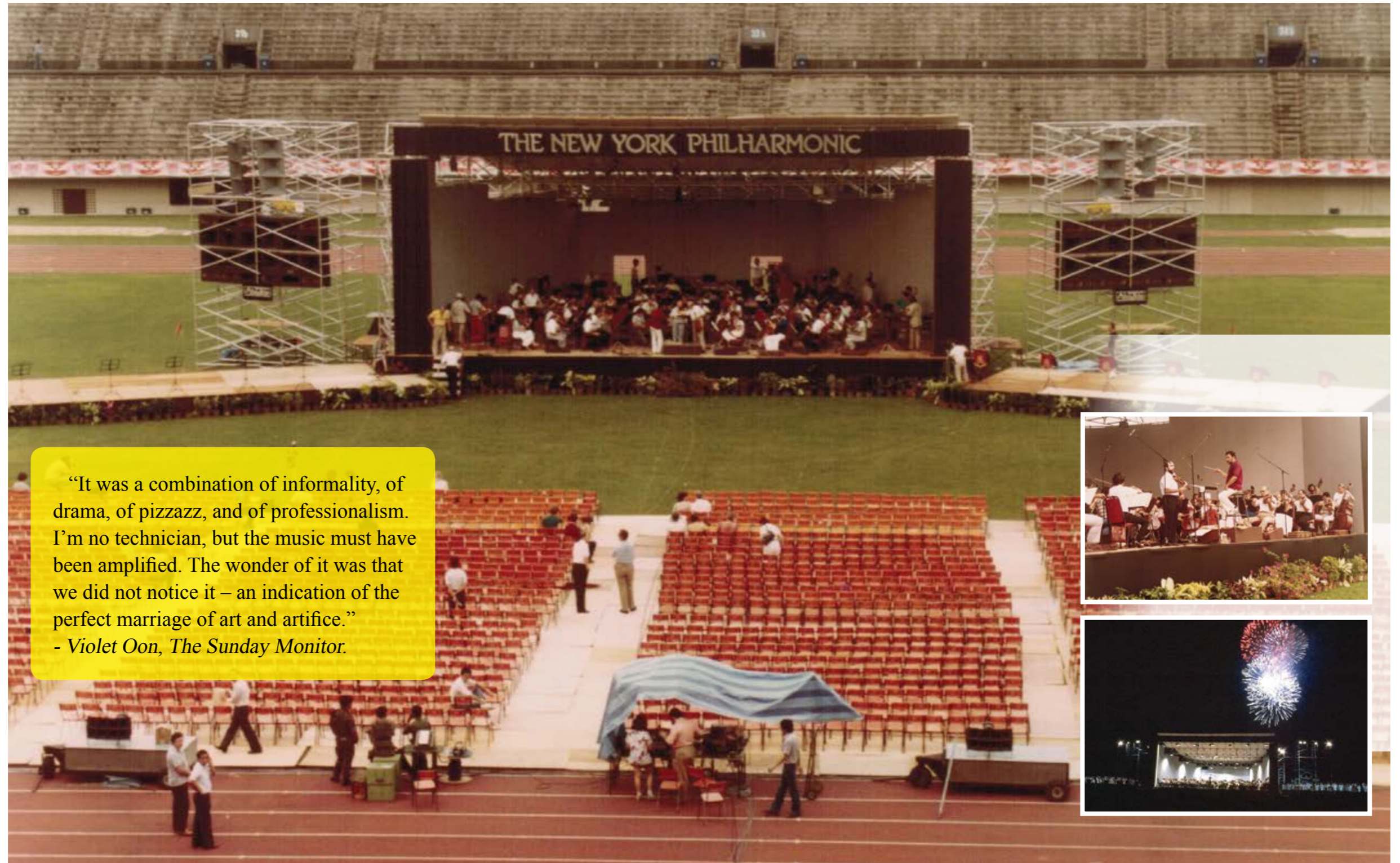
Sun Yat Sen Nanyang Memorial Hall (2011)

Projects : Rentals & Events

During the 1970s to 1980s, Electronics & Engineering began to provide sound engineering services and rental systems for many of the major international concerts that were held in Singapore, such as sell-out concerts by music legends, David Bowie, Air Supply, and Leo Sayer, to name a few, along with live events by famous Christian missionaries as Billy Graham and Luis Palau. One of the most satisfying rental projects undertaken by the company during that period was when E&E was commissioned by Citibank to design and supply the sound system for the New York Philharmonic Orchestra at the National Stadium.

And the next level was just right around the corner, as E&E geared up to undertake a new challenge - Audio for the F1 Races – when it supported Valerio Maioli SPA, for the supply, installation and operation of the audio systems in four main areas of the pit building, including the Media Centre, Paddock Club Suites, Press Conference Room and the Podium area, for the Formula 1 Night Race in Singapore, the number one race in the Southeast Asian Grand Prix calendar, and the highlight to an already successful business.

“It was a combination of informality, of drama, of pizzazz, and of professionalism. I’m no technician, but the music must have been amplified. The wonder of it was that we did not notice it – an indication of the perfect marriage of art and artifice.”
- Violet Oon, *The Sunday Monitor*.



The NY Philharmonic at the National Stadium (1984)

PROJECTS

2016	F1 Singapore GP - Media Centre / Winner's Podium
2015	F1 Singapore GP – Media Centre / Winner's Podium
2014	F1 Singapore GP – Media Centre / Winner's Podium
2013	F1 Singapore GP – Media Centre / Winner's Podium
2012	F1 Singapore GP – Media Centre / Winner's Podium
2011	F1 Singapore GP – Media Centre / Winner's Podium
2010	F1 Singapore GP – Media Centre / Winner's Podium
2009	F1 Singapore GP – Media Centre / Winner's Podium
2008	F1 Singapore GP – Media Centre / Winner's Podium
2005	National Day Parade
2004	ZoukOut
1988	Swing Singapore
1987	Singapore River Hong Pao Show
1987	Singapore Police Concert
1986	Luis Palau, Singapore Mission
1984	New York Philharmonic Concert
1983	David Bowie Concert
1980s	David Bowie Concert
1980s	Handel Messiah Concert
1980s	SBC/RC Heartland Roadshows
1980s	Silver Convention Concert
1980s	Peaches & Herbs Concert
1980s	Air Supply Concert
1980s	Leo Sayer Concert
1980s	Helen Reddy Concert
1980s	Lobo Concert
1980	The Osmonds Concert
1979	EMI World Disco Dance Championship
1978	Billy Graham Crusade at National Stadium
1971	BP Motor Rally in front of Hotel Malaysia



Billy Graham Crusade (1978)



David Bowie performing at the National Stadium (1983)



Luis Palau Singapore Mission (1986)



Police & Friends Concert (1987)



Singapore River Hong Pao Show (1987)



ZoukOut (2004)



Ronald Goh mixing with three Soundcraft consoles in 1980



National Day Parade (2005)



Amit Live World Tour in Singapore (2010)



F1 Singapore Grand Prix (2015)

Projects : LED Walls & Displays

Projects : LED Walls & Displays



Two 16M x 10M Outdoor LED Display Boards at the Singapore Sports Hub, National Stadium (2015)



Four 3M x 2M Wireless Variable Message System, Singapore Sports Hub (2015)



7.7M x 4.8M LED Screen at Singapore Indoor Stadium (2015)



Two 4M x 2M Video Walls at Trinity Christian Centre, Paya Lebar (2016)



4M x 2M P3 Video Wall at Hard Rock Cafe, Singapore (2016)

PROJECTS

- 2016 Trinity Christian Centre, Paya Lebar
- 2016 Hard Rock Cafe, Singapore
- 2015 Singapore Sports Hub
- 2015 Singapore Indoor Stadium
- 2015 Marina Bay Sands
- 2015 Grace Assembly of God
- 2014 BigBox Mega Exhibition Hall
- 2014 Gardens By the Bay
- 2014 The Star Performing Arts Centre
- 2014 Ng Teng Fong General Hospital
- 2013 Esplanade Theatres On the Bay
- 2013 Victoria Theatre & Concert Hall
- 2001 Yong Siew Toh Conservatory
- 1998 Singapore National Stadium
- 1986 UOB Centre



Two 150M in length Outdoor LED Ribbons, Singapore Sports Hub, National Stadium (2015)



9M x 5M LED Wall, two 5M x 3M LED Walls at Grace Assembly Church (2015)



7.5M x 4.5M LED Wall at Singapore Sports Hub Aquatic Centre (2015)

Special Projects

There is no job too big or too little for Electronics & Engineering, and the list of successful installations are as long and diverse as the company's experiences gained over the last 60 years, to include; places of attractions, museums, financial institutions, corporations, retail spaces, design houses, residential condominiums, police and military academies, ice skating rinks, shipyards, a cruise ship, and even on an offshore drilling platform.



Ronald Goh at the installation of an "explosion-proof" sound system on an oil rig



Istana Negara Banquet Hall, Kuala Lumpur, Malaysia (1989)



Singapore Pavilion – World Expo Shanghai (2010)



Flower Domes and SuperTree Sound System, Gardens by the Bay, (2012)

PROJECTS

2016	Tanjong Pagar Mixed Development
2016	Our Tampines Hub
2016	Singapore Technologies Mobile Command Centre
2014	Big Box
2014	Iskandar Malaysia
2014	Gardens By The Bay
2013	Mediacorp, MediaPolis
2012	Gardens By The Bay
2012	Jcube Ice Skating Rink
2012	Malay Heritage Centre
2011	National Heritage Board - Sun Yat
	Sen Nanyang Memorial Hall
2010	URA Visiting Gallery
2010	Singapore Pavilion – World Expo Shanghai
2010	Sincere Watch Boutique
2010	Ogilvy & Mathers
2010	Sentosa Cable Car Station
2010	Malayan Motors - Jaguar Showroom
2010	Sentosa Cable Car Station - Coach Bay
2010	Harbourfront Cable Car Station
2010	RBS Singapore
2010	Arup Singapore
2009	Pico –Singpost
2009	Pteris Global
2009	Meta Fusion
2009	Singapore Science Centre
2009	Girls Brigade Singapore
2008	Jaguar Showroom
2008	Smart Corporation
2008	BMW Showroom
2008	Mitsubishi Caterpillar Forklift Asia
2008	Epicure
2007	Takenaka Corporation
2007	Singapore Flyer
2007	Army Museum of Singapore
2007	Millennium - Principle One
2006	Shark Investment
2006	Barclays Bank
2006	Singapore History Museum
2006	Star Cruise Virgo
2006	SAF Pasir Ris Camp
2006	Singapore Civil Defense Force
2006	Principle One
2006	Singapore Discovery Centre
2006	ISS Facility Services
2006	D.B. Zwirn Conference Room
2005	Jardine One Solution
2005	CSIT Recreation Hall
2005	Park View Square
2005	Peppermint Design
2004	Old Parliament At The Art House
2004	United States Embassy
2000	Ritchie Bros, Auctioneers House
1998	Singapore Aeradio - Control Tower
1998	Valley Point Condominium
1997	National Heritage Board
1997	Singapore Telecommunication
1997	Singapore Federation of Chinese Clan Association
1996	Singapore Civil Defence Force
1995	Malaysia National Insurance
1993	Singapore Police Force
1992	OCBC Bank - Conference Room
1992	Singapore Aviation Academy
1989	Istana Negara - Kuala Lumpur
1984	Telecentre II Building & Auditorium
1984	Chartered Bank Building
1984	Ken-Air World
1982	Malaysia Shipyard - Johor Bahru
1982	Istana Agong - Kuala Lumpur
1981	SATS In-flight Catering Centre
1976	OCBC Centre
1976	Kallang Ice Skating Rink
1974	Jurong Ice Skating Rink
1974	Hitachi Robin Zosen Shipyard
1972	Jurong Town Hall



Mediacorp, MediaPolis (2013)



Singapore Flyer (2007)



Star Cruise Virgo (2006)



Digital signage and AV system for Singapore Flyer (2006)



JCUBE Ice Skating Rink (2012)



URA Visiting Gallery (2010)

E&E Warehouse & Logistics Centre



WAREHOUSE & LOGISTICS CENTRE FACT SHEET

- Land plot: 69m x 44m (3036.2m²)
- Built up area: 2766m²
- 4 nos. container loading docks with leveler
- 4 nos. warehouse spaces: 27m x 15m x 7m height
- 5 ton cargo lift
- Engineering workshop: 20m x 10m x 7m height with 3 Tons travelling hoist
- Multi-purpose space and staging area: 20m x 20m x 7m height
- Dormitory, offices and meeting spaces



Congratulations
 to
ELECTRONICS & ENGINEERING PTE LTD
(E&E)
 on your
65th Anniversary
 and the official opening of your
Warehouse & Logistics Centre

From Your Principals and Associates

ELECTRONICS & ENGINEERING PTE LTD
Head Office: 285 Outram Road, Singapore 169069. Tel: (65) 6223 5873, Fax: (65) 6225 3709. Email: enepl@enepl.com.sg Website: www.enepl.com.sg
Warehouse & Logistics Centre: 9 Tuas South Street 10, Singapore 636942.

Straits Times and Business Times, 15 Jan 2016

Eng Kong Engineering Works

With a rise in cinema and sound system installations that required a custom engineered solution to their designs, in 1969 Mr Goh Kiok Chuan made the decision to buy over a metal working workshop that would allow E&E to better undertake projects on a turnkey basis and work with their customers from a conceptual stage of its final execution and handing over. A wholly-owned subsidiary, Eng Kong Engineering Works is a self supporting engineering workshop which has recently been relocated within the premises of their brand new E&E Warehouse Warehouse & Logistics Centre in Tuas and take up 20m x 10m x 7m of space and is equipped with 3-tonne of travelling hoist and the latest in hydraulic working and cutting machines.

A selection of the products manufactured by Eng Kong Engineering Works include: Motorised Extendable and Raisable Stages, Lighting Truss Systems, Screen Frames, Curtain and Cyclorama Tracks and controllers, Cinema Chairs, Speaker Clusters and Bracketry, Equipment Racks & Custom Enclosures, etc.



12Kn Hydraulic Press



Hydraulic Cutter



Cinema chairs designed and built by Eng Kong Engineering Works (c.1970s)



Fabrication of an extendable stage (1970)



Eng Kong Engineering Works is located in their own building in Tuas



Eng Kong Engineering Workshop in Tuas with a newly fitted 3-Ton travelling hoist

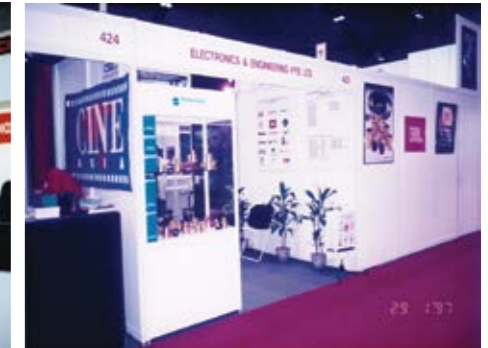
Trade Shows



PALA 1999



PALA 1994



CineAsia 1997



PALA 1995



E&E's PALA super corridor in 2001 celebrating their 50th Anniversary



PALA Exhibition 2008



E&E's Super Corridor, Trade Exhibition 2001

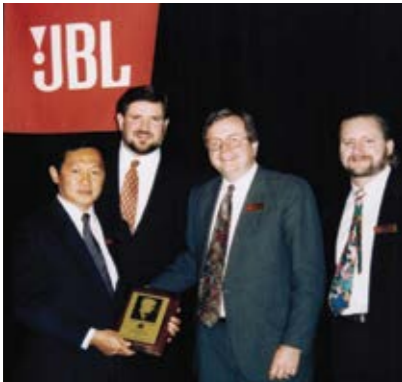


Broadcast Asia 2013

Having taken part in the first PALA ProAudio tradeshow in Singapore in 1989 E&E continues to take part every year since then and also participates in the yearly Broadcast Asia tradeshow as well. They have also participated in the JAPEX show in Jakarta and the PALME Show in Kuala Lumpur and Mumbai and with many years of experience with participating in such trade shows and exhibitions around Asia, Electronics & Engineering has become a well known and trusted name in the professional audio industry. Through its exposure in shows and exhibitions, E&E is constantly involved in developing new contacts while strengthening its relationships with its principles, dealers, and loyal end users.

Awards & Accolades

Having developed a pioneering business in the 1950's and risen to numerous and ever bigger challenges, E&E have placed themselves at the top of their profession. It is for his significant contributions and exceeding in the field of professional sound that Ronald Goh was recognised by the Audio Engineering Society's awards committee and board of governors to receive the distinguished AES Fellowship Award in 2004. In addition, E&E has also received numerous awards and accolades and has been recognised as one of the region's most admired professional sound companies.



Ronald Goh receiving the James B. Lansing Award for Outstanding Performance, Contracting Vertical Market 1996-97



Jerry Stutzman presenting Ronald Goh with an award from Crown Audio in 2001



Rusty Waite presenting Gary Goh with the Distributor of the Year Award for 2015



Ronald Goh with the National Heritage Board Award 2015



Shure Distribution Centre of the Year, Asia Pacific Region 2015-2016



Outstanding Project Sales, Asia Pacific Region Award 2015-2016



EAW Distributor of the Year 2015



Visionary Leaders Circle 2015



Best Performing Business Partner 2014



Kramer APAC Awards 2014



Outstanding Installation Award SSH 2014



Top Sales Award 2014



Crestron Best Sales Performance Award 2013



Outstanding Achievement of Custom Sales 2013



Outstanding Performance 2013



Certificate of Achievement APEA 2012



Outstanding System Sales 2011-2012



Patron of Heritage Awards 2012



SME1 Asia Awards 2011



CRESTRON Best Project Award 2010



dbx Distributor of the Year 2006



BSS Award 2006



CROWN 50 Golden Years Award



CROWN 1999 Distributor of the Year



Shure Brothers International Sales Award 1998



JBL Award 1996-97



RANE Award 1996



JBL Award 1994-95



Soundcraft Broadcast Distributor of the year 1995



Altec Lansing Concertmaster 1992



Soundcraft Award for 20 Successful Years



JBL Award



Altec Lansing Concertmaster 1991



Altec Lansing Concertmaster 1990



Altec Lansing Concertmaster Award 1989



Altec Lansing Concertmaster 1988



Altec Lansing 1980



Altec International 1976



The AES Fellowship Award presented to Ronald Goh in 2004



Asia Pacific Entrepreneurship Award 2012



Most InAVative International Award 2015, Singapore Sports Hub



Singapore 1000 & Singapore SME 1000 2015 Tribute Edition in conjunction with SG50

Media Coverage

As a pioneering influence to the region's AV industry, Electronics & Engineering has been receiving considerable media coverage by many of the international AV magazines and local mainstream newspapers and media. Up till today, E&E's projects still command extensive reportage in leading publications such as: Pro Audio Asia, Entertainment Technology Asia, Worship AVL Asia, InAVate Asia and Systems Integration Asia to name a few.



Reports and coverage from Singapore's major newspapers and tabloids exclaiming about how fantastic the sound was at the New York Philharmonic's concert in the National Stadium in 1984

Altec Lansing advertisement about the NY Philharmonic Concert in Singapore



Pro Audio Asia (2011)

Pro Audio China (2010)

Entertainment Technology Asia (2010)

Worship AVL Asia (2016)

Mondor (2012)



Pro Audio Asia (2012)



Entertainment Technology Asia (2014)



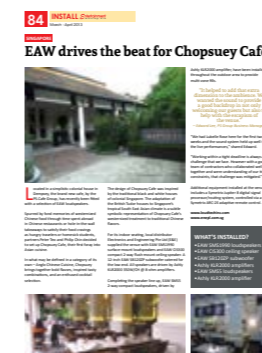
Pro Audio Asia (2014)



Systems Integration Asia (2012)



Worship AVL Asia (2013)



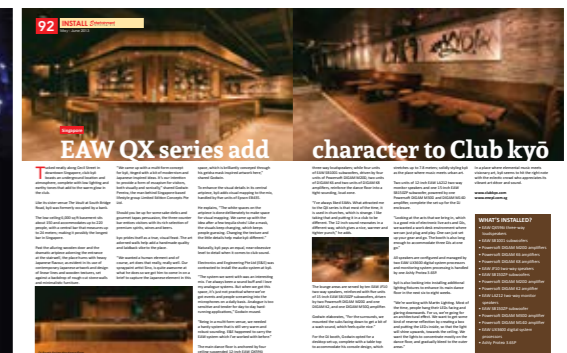
Entertainment Technology Asia (2013)



Entertainment Technology Asia (2013)



Entertainment Technology Asia (2013)



Entertainment Technology Asia (2013)



For more press articles about E&E, please visit our website at www.enepl.com.sg

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Sheng Beng Engineering Works

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CEO CONVERSATIONS
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50

The economic miracle

CEO CONVERSATIONS
THE ECONOMIC MIRACLE

The Business Times | Monday, April 16, 2012

CEO CONVERSATIONS

2015 GOLDEN JUBILEE EDITION

The sweet sound of success

ET&I has been responsible for installing sound systems at some of Singapore's most iconic architectural landmarks

FROM the humming tones of nightclubs and the low rumble of the stadium to the business seats at the new National Stadium in the "Acoustic solution flowing from the Singapore Concert Hall," Sonnet

cross filed has been responsible for the clarity of voices at the National Stadium, the Singapore Sports Hub, ES&I experts for Singapore's largest and most complex of professional audio and video installations, and solutions with clients in more than 20 Asian countries, since 1971.

For the clients he is very proud, he on South-east Asia market, creating for potential growth. One of our clients has won the regional award for the Singapore Sports Hub, the first stadium in the world to be built in the region. And we have won the award for the Singapore Sports Hub, the first stadium in the world to be built in the region.

The story of ET&I is closely intertwined with that of Singapore. Set up by Ho Kah's father in 1971 by the name of Singapore Sound, the first Singaporean audio company, the firm became the country's mainstays in providing audio solutions for the local industry.

In its projects over the last 40 years have worked on a wide range of audio systems, from small-scale audio systems to large-scale audio systems. The company's first project, it was known as a specialist in creative project systems. It was the first project to be known as a specialist in creative project systems. It was the first project to be known as a specialist in creative project systems.

Ramoli, who was just seven when his father founded the firm, has been involved in the business since his teenage years and joined full-time after he graduated from Singapore Polytechnic in 1984.

Ramoli was being groomed to take over the firm from a young age. He was involved in a technical school from his early childhood education. He was involved in a technical school from his early childhood education. He was involved in a technical school from his early childhood education.

In the 1980s, Ramoli started the new system for Singapore's National Stadium, as well as in a few other projects. He was involved in a few other projects. He was involved in a few other projects. He was involved in a few other projects.

But it was not until 1972 that the father-son team started to work on the first major project to install the sound system for the Singapore Sports Hub. It was the first major project to install the sound system for the Singapore Sports Hub.

The system was designed by renowned acoustic consultant James F. BAKER from London in the UK. It was the first time that ET&I had the chance to work with an international consultant and it proved to be an amazing experience. From there, the firm began to work on more complex projects and it grew into a major company.

It provided sound engineering services and audio systems for some of the major international events, such as the World Cup, the Asian Games, and the Commonwealth Games. It provided sound engineering services and audio systems for some of the major international events.

When the company was awarded the Singapore Sports Hub contract last year, it was a big win, a fitting recognition. It was a big win, a fitting recognition. It was a big win, a fitting recognition.

ET&I has been involved in many other projects, including the new stadium, the new stadium, the new stadium. It has been involved in many other projects, including the new stadium, the new stadium, the new stadium.

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The family business has now moved into its fourth decade, with a strong presence in the Asian market. It has a strong presence in the Asian market. It has a strong presence in the Asian market.

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PHOTO COURTESY OF ET&I

On the move to 10 years, we are South-East Asian markets poised for potential growth. Our pull factor is still very strong in the region. Many of our clients have voiced their plans for expansion in the region."

—Edmund Lim, Managing Director

money.sme.com.sg

THE STRAITS TIMES SUNDAY, JANUARY 30, 2010 PAGE 68

E&E builds its business on a sound reputation

Firm delivers on top projects here and overseas

■ BY DESIRABLE DESIGNS

MR RONALD GUN, aka, widely known name serves for his talent through his Rally speeches, after his company got a big break by winning a contract to install the sound system at the old National Theatre.

The dedication of Mr Gun and his staffs have meant that they were Minister Lee Kuan Yew's rally speeches broadcast and for all to hear at the Fort Canning Park building, which was eventually demolished in 1976.

"I was on standby during his speeches at the National Theatre," said Mr Gun, "the other years for him to be in the theatre, we had to go to the hotel, we did not move. Nobody dared to move when he spoke."

That show of commitment has resulted in a nomination for Mr Gun and his firm Electronics & Engineering (E&E).

But it was not to his father, the late Mr Koh Kiam Chuan, E&E is a system integrator and distributor of audio-visual sound systems.

He made his mark on virtually every part of Singapore, from major hotels, landmarks and theatres to religious buildings and churches.

The firm's prominent projects have included the sound systems for the National Theatre, National Stadium and Changi Airport.

His latest project is the sound system for Marina Bay Sands, a shopping mall of 1,000 shops to deliver music to the masses that throng the complex daily.

But E&E began on a much smaller scale.

"My father loved cinema and he was set up as a radio store, he being up to broadcast on a radio and collected 200 tapes from each view," said Mr Gun, the company's managing director.

From his father started E&E, the firm initially concentrated on the radio-business, importing parts from Germany.

However, that did not work out and he returned to cinema, installing projectors and sound systems of movie houses.

Mr Gun grew up in the family's outdoor road house (interior with electric motors and building model airplanes).

It was a workshop in the living room and I would even build my own go-karts," he said.

Even though he was eligible to join the then British College, Mr Gun was encouraged by his father to join Queensway Technical School to get a strong foundation to the technical skills required in the business.

After graduating, Mr Gun joined E&E in 1961.

"It was eventually bowed by the negative nature of cinema projection and sound systems jobs. They were about the same each time," he said.

He then branched out into systems for theatres, universities and nightclubs.

The company's first big break came when it supplied the sound system for the new National Theatre in 1963.

The name was where Mr Gun made his early speeches from 1966 to 1967.

The only one held at the Singapore Conference Hall from 1961 to 1981, at the Raffles Theatre from 1981 to 2005, and from that onwards, it has been held at the Victoria Cultural Centre. The sound systems at these locations were supplied by E&E.

"Whenever the PM went, we followed" said Mr Gun with a laugh.

But it did not end on his tenure. Another big opportunity arrived in the form of a 100,000-unit contract to install the indoor and outdoor sound systems for the new National Stadium in 1971.

Mr Gun credited the project's international success, Dr Jack Pong, for the many useful lessons he learnt.

"Not only did we have to correctly install the whole system through their drawings, but we also had to manage everything about long-term project management," Mr Gun said.

The sound system serviced the stadium for 18 years until the stadium was demolished last May.

"I actually wanted to buy back the sound control house that they wanted to put it in a museum," he said.

Another highlight of the 1970s was Singapore's 1976-78 Expo, for which E&E supplied the audio reception systems.

In the 1980s and 1990s, Singapore, E&E shifted its focus to major projects in Singapore and performed assignments in the region.

"We have supplied systems for over 250 clients across 15 fields, including two recently in Myanmar," said Mr Gun.

His earlier reputation attracted the attention of Universal Studios, which contracted E&E to supply LED and sound systems for its first city attraction in Japan.

E&E's work was so impressive that it was engaged to do the 4th City Project in the upcoming Universal Islands.

At E&E celebrates its 50th anniversary this year, Mr Gun is handling over the reins to his son Gary Gun. The Royal Melbourne Institute of Technology graduate has been running his works on projects, sales and management since the first seven years.

"It's something that I've always wanted to do since I was young," said the younger Mr Gun, 31, who is planning to pursue his first's hard-earned reputation for efficiency and service. He also plans to continue the firm's ongoing expansion in the region, China and India.

The elder Mr Gun said: "We are more comfortable with analogue systems. But Gary and his team are well trained in digital technology."

He has one more piece of advice, a philosophy he has followed since he got his latest E&E.

"The company motto is one that I have always followed. Get it right the first time."

■ desirable@eet.com.sg

About the company

STARTED by the late Koh Kiam Chuan in 1961, Electronics & Engineering (E&E) began as a radio-parts supplier before shifting to cinema projection and other audio-visual systems.

The company installs the projects of various venues such as auditoriums, theatres, churches and stadiums.

E&E's headquarters has been located at Outram Road since its founding. The company has 125 employees. Revenue for last year hit \$30 million. A new flag, E&E also has offices in Malaysia, India, Indonesia and Vietnam, though most of its business is in Singapore.

Its client list includes prestigious names such as Marina Bay Sands, Universal Studios Singapore, the National Stadium and the old Orchard Building. E&E's latest projects include the Khoo Teo Joo Hospital and the Singapore Pavilion at the Shanghai World Expo.

For his contributions to the pro-audio industry, E&E managing director Ronald Gun was awarded a Fellowship in 2007 by the United States-based Audio Engineering Society.

OUR CREDENTIALS & PRESTIGIOUS INSTALLATIONS SINCE 1951

 Singapore National Theatre, 1963	 Singapore National Stadium, 1973	 Singapore Indoor Stadium, 1989	 Kallang Theatre, 1996
 Esplanade - Theatres on the Bay, 2002	 Marina Bay Sands Integrated Resort, 2011	 Marina Bay Sands Performing Arts Theatres, 2011	 The Star Performing Arts Centre, 2012

PROUD TO HAVE INSTALLED THE SOUND SYSTEM FOR OUR "GRAND OLD DAME" IN 1973



Congratulations
on the
official opening of the
National Stadium


ALTEC ELECTRONICS & ENGINEERING PRIVATE LIMITED



This advertisement appeared in The Sunday Times on 22nd July 1973

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















Happy Birthday Singapore!



















Rejoicing our contributions to
our 50 years of Nation Building



















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