60 Glorious Years
1951 - 2011
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 60-years on. For 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 which was shot in the film studios in Singapore.
The advent of the 1950s saw Mr Goh leaving the familiarity of film studios and sound stages to be an entrepreneur and run 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 electronic 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'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.
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 the complete satisfaction of our customers.”

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 60 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.
Towards the end of the 1950s, 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 200 screens to date since they installed their first cinema hall in the early 1960s.

Projects: Cinemas

Mr Goh Kiok Chuan inspecting a cinema installation (1991)
1980 Empress theatre – Clementi
1980 Bedok Cinema
1980 New City Theatre – Paya Lebar
1979 Leisure Drive – Kallang Park
1979 Broadway Cinema
1979 Regal Cinema – Bukit Timah
1978 Gala Cinema
1977 Mandarim Theatre
1976 Yongtan Theatre
1973 Cathay Building
1972 Jurong Drive-In Cinema
1972 Toa Payoh Theatre

MALAYSIA
2009 GSC East Coast Mall
2009 GSC Tropicana City Mall
2009 GSC XII 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 Pragmat Mall Cinemas – Penang
2000 Sun Plaza Cineplex
2000 City Square Cineplex – JB
1999 Mid-Valley Megamall
1999 King’s Theatre – Sibu
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 Mentajam Cineplex
1997 Permas Cineplex
1997 Sungai Patas Cineplex
1996 Klang Cineplex
1996 Perling Cineplex
1996 Batu Pahat Cineplex
1996 Seremban Cineplex
1995 Bangsar Cineplex
1994 Senayan 4 – Hall
1994 Sky studio – KL
1992 Pavilion Cinemas Iposh
1992 Riverside Cineplex Kuching
1991 Lahad Theatre – Sabah
1980 Lacin Theatre – Sabah
1979 Melon Theatre – Kuala Lumpur
1979 Capitol Theatre – Johore Bahru
1979 Lucky Theatre – Tiaral, Pahang

Projects : Cinemas
1978 Panggung Goodwood Theatre – KL
1977 Mandarin Theatre – Taiping
1976 Star Theatre – Kuala Lumpur
1976 New Empire Theatre – Tawau
1976 Mandarin Theatre – Taiping
1976 Seni Irian Theatre – Alor Star
1976 Palace Theatre – Sibu
1976 Lido Theatre – Kota Kinabalu
1975 Cathay Cinema – Sibu
1975 Odeon Theatre – Iposh
1974 King’s Theatre – Sibu
1974 Majestic Theatre – Petaling Jaya
1973 Cathay Cinema – Segamat
1972 Panggung Ruby – Petaling Jaya
1972 Rejang Theatre – Sibu

INDONESIA
1991 Hollywood Theatre – Surabaya
1981 Liberty Theatre – Jakarta
1979 Siantan Theatre – Pontianak
1979 Koprus Indah Theatre – Pontianak
1979 Paramount Theatre
1979 Sukabumi Theatre
1979 Surabaya Drive-In Cinema
1976 Juvita Theatre – Medan
1976 Sindang Theatre – Sumatra
1976 Ria Theatre – Surabaya
1976 Mahakama Theatre
1975 Benhill Theatre – Jakarta
1975 Wijaya Theatre – Surabaya
1974 Kampak Theatre – Jakarta
1974 Singanran Theatre – Bali
1973 Pontianak Theatre – Pontianak
1973 President Theatre – Bandung
1973 Sumeterna Theatre – Palembang
1973 Jayakarta Theatre – Jakarta
1972 Roi Theatre – Jakarta
1972 Krekot Theatre – Jakarta
1972 Gloria Theatre – Jakarta
1972 Nusanta Theatre – Jakarta
1972 Kebayoran Theatre – Jakarta

BRUNEI
2002 The Mall Cineplex
1975 Seni Theatre

MYANMAR
2010 Mawrin 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
1987 Tan Son Nhat Cinema, HCMC
Projects: Hotels, Resorts & Malls

Electronics & Engineering has been providing high-end audio and visual solutions to the hospitality industry for over four 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.
PROJECTS
2011  Marina Bay Sands
2010  IDN Orchard – Residences
2010  Marina Bay Sands – Burberry store
2010  MRT Marriott Resort & Spa
2010  Marina Bay Sands – MINT
2010  Grand Copthome Waterfront
2010  IDN Orchard – Residencial
2009  Marina Bay Sands
2009  Resorts World Sentosa – S.O.S. City
2009  M Hotel – Meeting Rooms
2009  Marina Mandarin Hotel
2009  Shangri-La Hotel – Island Ballroom
2009  Shangri-La Hotel – Surabaya
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 Copthome 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 – IDN
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

Projects: Hotels, Resorts & Malls
1998  Causeway Point Atrium
1988  Forum Gallery
1998  Regent Hotel
1997  Novotel Orchard Inn Hotel
1997  Concorde Shah Alam Hotel
1997  Suntec City – Tower Records
1997  Robertson Walk Courtyard
1996  Concorde International Hotel
1996  Sedona Hotel – Yangon
1996  Mandarin Hotel
1996  Hotel InterContinental
1996  Marina Mandarin Hotel
1996  Shangri-La Hotel – Surabaya
1996  Kuta Kuta 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  Akash 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
1988  Pan Pacific Hotel
1988  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
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. 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 recent accomplishment - The Esplanade Theatres-By-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.

The latest feather in their cap is 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.

Projects: Performing Arts Theatres

- 2010 MBS Performing Art Theatres
- 2008 Genesis Theatre @ Fusionopolis
- 2007 Rocky Hill Mess - Pasir Laba Camp
- 2006 Pitch Black Pictures
- 2006 Mindel 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 – Sibu
- 1999 Komtar Theatre - Johor Bahru
- 1996 Kallang Theatre
- 1996 Victoria Theatre
- 1996 Malaysia National Insurance Hall
- 1995 Alliance Francaise Theatre
- 1992 Singapore Aviation Academy
- 1991 Tang Dynasty Village
- 1987 SISIR Auditorium & Theatre
- 1985 SATS – Auditorium
- 1985 Shah Alam Royal Auditorium & Banquet Hall
- 1985 Putra Islamic Auditorium
- 1984 Rex Live Theatre
- 1981 Youth Centre Auditorium – Palembang
- 1980 Concentre Theatre
- 1963 Singapore National Theatre
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.
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 and Shenzhen.

Projects:

- 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
- 1994: Hard Rock Cafe – Beijing
- 1993: Hard Rock Cafe – Taipei
- 1993: Hard Rock Cafe – Bali
- 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: Places 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 manage to provide a good working solution and has installed sound systems into more than 180 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

Rivertife Church

Church of the Risen Christ

Buddha Tooth Relic Temple
### Projects: Places of Worship

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<tr>
<th>Year</th>
<th>Place</th>
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<tbody>
<tr>
<td>2005</td>
<td>RiverLife Church</td>
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<td>2004</td>
<td>Pasir Panjang Brethren Hill Chapel</td>
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<td>Clementi Bible Centre</td>
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<td>CornerStone Community Church</td>
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<td>St. Andrew’s Cathedral</td>
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<td>2003</td>
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<td>2003</td>
<td>Phor Kark See Monastery</td>
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<td>2003</td>
<td>Pasir Panjang Hill Brethren Church</td>
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<td>KJJA Mosque – Malaysia</td>
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<td>1998</td>
<td>Wesley Church</td>
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<td>1998</td>
<td>Kampoeng Juendung Mosque – Brunei</td>
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<td>1998</td>
<td>Semenari Theology Malaysia</td>
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<td>True Way Presbyterian Church</td>
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<td>Our Lady of Lourdes</td>
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<td>KUM YAN Methodist Church</td>
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<td>Singapore Life Church</td>
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<td>1984</td>
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<td>1983</td>
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<tr>
<td>1980</td>
<td>Majid Agung Mosque – Palembang</td>
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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.
Projects: Hospitals

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.

PROJECTS
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
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.
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.

Projects: Community Centres

- Ang Mo Kio Community Library
- Pasir Ris Elias Community Club
- The multipurpose hall in Pasir Ris Elias Community Club
- Braddell Heights Community Club
- Changkat Community Club
- Kabun Baru Community Centre
- Kaki Bukit Community Centre
- Thomson Community Club
- Tanjong Community Club
- Queen’s Street Community Centre
- Braddell Heights Community Centre
- Katong Community Centre
- Crawford Community Centre
- Jalan Besar Community Centre
- Sembawang Community Centre
- Queenstown Community Centre

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 Tanjong Community Club
1995 Kabun 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 Neo Seng 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
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 Maoli 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.
PROJECTS

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
1983  Handel Messiah Concert
1983  SBIC/RC Heartland Roadshows
1983  Silver Convention Concert
1983  Peaches & Herbs Concert
1983  Air Supply Concert
1983  Leo Sayer Concert
1983  Helen Reddy Concert
1983  Lobo Concert
1980  The Osmonds Concert
1979  EMI World Disco Dance Championship
1978  Billy Graham Crusade at National Stadium
1977  BP Motor Rally in front of Hotel Malaysia

Billy Graham Crusade (1978)

Police & Friends Concert (1987)

Ronald Goh mixing with three Soundcraft consoles in 1980

National Day Parade (2005)

David Bowie performing at the National Stadium

Singapore River Hong Pao Show (1987)


Luis Palau Singapore Mission (1986)

F1 Singapore Grand Prix (2010)
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.
PROJECTS
2010 Singapore Pavilion – World Expo Shanghai
2010 Sincere Watch Boutique
2010 Ogilvy & Mather
2010 Sentosa Cable Car Station
2010 Malaysia 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 Pieris 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 IRS Facility Services
2006 D.B. Axim Conference Room
2005 Jardine One Solution
2005 COT 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
1999 Singapore Aerosco - 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 Agung - Kuala Lumpur
1981 SATS In-flight Catering Centre
1976 OCBC Centre
1976 Kallang Ice Skating Rink
1974 Jurong Ice Skating Rink
1974 Hitachi Robin Zoom Shipyard
1972 Jurong Town Hall
Projects Completed Since 2011... And Ongoing

BROADCAST
2013 Iskandar Malaysia Studio Sdn Bhd
2011 Mediacorp TV Singapore Pte Ltd

CINEMAS
2013 Filmgarde Kallang Leisure / Bugs Plus
2012 Cathay Cineplexes Pte Ltd
2012 Golden Village City Square / Jurong Point
2012 Mega GCC Digital Service Pte Ltd (Cinemas)
2011 Golden Village Katong Mall
2011 Toa Payoh Cineplex

CLUBS & RESTAURANTS
2012 Chilli’s Restaurant (Grendko Restaurants Pte Ltd)
2012 Club Lava
2012 The Butter Factory
2012 The Jewel Box - Mount Faber Leisure Group Pte Ltd
2011 Bataclava Club
2011 Lucky 13
2011 Naughty Girl Nightclub Singapore
2011 Food For Thought @ Botanic Gardens

EDUCATIONAL INSTITUTIONS
2012 Nanyang Polytechnic
2012 Nanyang Technological University
2012 National University Of Singapore, Faculty Of Arts & Social Sciences
2012 Republic Polytechnic
2012 Singapore Institute Of Management
2012 Temasek Polytechnic
2011 Nan Hua High School
2011 Singapore Polytechnic
2011 United Nations International School
2011 As Han, Vietnam

HARD ROCK CAFES
2013 Hard Rock Café - Jakarta
2012 Hard Rock Café - Bangkok
2012 Hard Rock Hotel - Bali
2012 Hard Rock Hotel - Malacca

HOSPITALS
2014 Ng Teng Fong General Hospital And Jurong Community Hospital
2011 Jurong Health Alexandra Hospital
2011 Kho Teck Puat Hospital

HOTELS, RESORTS & MALLS
2012 Louis Vuitton Store, Ngoo Ann City
2012 Shangri-La Rasa At Pantai Dalit Tuaran, Sabah
2011 Grand Hyatt Singapore
2011 Orchard Hotel
2011 Shanghai-La Hotel Singapore

OFFICES / SHOWROOM
2011 Christopher Guy
2011 OUB Centre

PERFORMING ARTS THEATRES
2013 Victoria Theatre And Concert Hall
2012 Esplanade Theatres On The Bay - Upgrading Project
2012 Rock Productions - The Star Performing Arts Centre
2012 National University Cultural Centre

PLACES OF WORSHIP
2012 Bethel Assembly Of God Church
2012 Christ Methodist Church
2012 Faith Community Baptist Church
2012 Hope Church
2012 Korean Church In Singapore
2012 Singapore Life Church
2012 St Andrew’s Cathedral
2012 The Salvation Army Chapel
2011 Church Of Our Saviour
2011 Living Sanctuary Brethren Church
2011 St James Church
2011 Wesley Methodist Church

SPECIAL PROJECTS
2014 The Singapore Sports Hub
2012 Gardens By The Bay
2012 Ice Cube Ice Skating Rink
2012 Malay Heritage Centre
2011 National Heritage Board - Sun Yat Sen Nanyang Memorial Hall

THEME PARK / ENTERTAINMENT
2011 Sypheon Theatre In Maritime Experiential Museum
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 Kio 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, well-equipped, 850 square meter workshop that can fabricate and manufacture a wide range of custom specified products for their customers. 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.

Eng Kong Engineering Works is located in their own building in Toh Guan East

Trade Shows

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.

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

PALA 1999
PALA 1994
CineAsia 1997

PALA 1995
PALA Exhibition
PALME Asia

PALME Asia

PALME Asia
Over the last 60 years, Electronics & Engineering has celebrated many historic milestones as it grew over the years to include the building up of a large dealer network, a new four-storey head office and showroom building, a fully equipped service centre facility, a 3,600 sq meter warehouse, and with establishing regional branch offices in Jakarta, Indonesia, in Kuala Lumpur, Malaysia, and in Bangalore, India. Their roll call of success from a world-class company in offering quality total solutions ensures that E&E’s future will hold many more significant milestones.

**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.
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, and Systems Integration Asia, to name a few.

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