



**LKH Projects Distribution Pte Ltd**

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# Company Profile 2022/23

**WEB PRESENCE**

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**First Stop For Your Projects**

# Message from Management

Drawing upon more than three decades of experience and expertise. LKHPD continues to build on its capabilities and deliver focused solutions to its customers. Our strategic initiative of diversification and expansion enables us to capitalize on opportunities in Singapore and across key markets in Southeast Asia.

With integrity and innovation as our main drivers in developing products, services and solutions, we strive to uphold the highest standard of quality excellence and optimize new breakthroughs/solutions.

**We care:** We focus on customer's concerns and market needs to provide solutions that are safe, efficient and innovative.

**We invest:** We strive for continuous improvement of our product and service quality. We continue to forge ahead alongside the steady pace of development with the industry. With astute foresight, we focus on the needs of tomorrow by looking and investing beyond the present.

**We grow:** By cultivating a clear vision for the long term, we are able to identify and seize the new opportunities for growth. Our continuing training and skills development efforts will allow us to keep our employees abreast of the latest development in the industry so that they can better serve our customers. At the

same time, it will also ensure that our staff will always be equipped with best practices and enjoy conducive work environments that comply with the government's workplace safety and health standards.

**We lead:** With our rich market experience, we strive to lead our customers to the right product and solution, and our partners to the right market through our experienced team who are also ready to serve you when you need it.

## Identifying gaps to provide effective solutions.

Guided by a focused market approach, our success is anchored on its ability to identify gaps to provide reliable and efficient application solutions with strong technical support which our customers can always rely on. For instance, we developed a SMART plug-in unit for busway power distribution to meet requirements in the Smart Energy Management under the Super Low Energy (SLE) building strategy driven by Singapore Building Construction Authority (BCA).

*"We focus on customer's concerns and market needs to provide solutions that are safe, efficient and innovative."*



*Daniel Poon*

**General Manager/Executive Director**

# About the Company

## First Stop For Your Projects

LKH Projects Distribution (LKHPD) is an established electrical solution provider in Southeast Asia since 1990, serving a broad spectrum of customer base.

Drawing upon more than three decades of experience and expertise, LKHPD continues to build on its capabilities and deliver focused solutions to its customers. Our strategic initiative of diversification and expansion enables us to capitalize on opportunities in Singapore and across key markets in Southeast Asia.

Working with world's leading brands, LKHPD brings you a world class solution with application and technical assistance throughout the installation of your projects on the following services:

- Power Distribution & Transmission
- Lighting
- Data Communications
- EMF Testing Services

CONNECTING  
SINGAPORE SINCE

**1990**

**1000+**

SATISFIED  
CUSTOMERS

SERVING

**SOUTHEAST  
ASIA**

# The industries that we serve

At LKH Projects Distribution, you can find specialized solutions. In line with Industry 4.0 transformation, LKHPD is evolving from the days of being an outright product supplier to its current capability of providing end-to-end solutions, backed up by strategic alliances with our global brand partners



Data Center



Hospitality



Residential



Industrial



Infrastructure



# Partnering with world leading brands

Working with **world leading brands**, LKHPD brings you **a world class solution** with application and technical assistance throughout the installation of your projects

**3F Filippi**

**3M**

astro bomma

**Bröwnie**  
Architectural LED Lighting

**Bussmann**  
by **EATON**

**celux**  
Experience the Sky

**COMMScope**  
now meets next

**EATON**  
Powering Business Worldwide

**ERCO**

**FE Fuji Electric**

**:hager**

**legrand**

**MK**

**interact**

**MEGAMAN**

**metalarte**  
LUXIONA

**MGC**  
MOSE-GLASER

**PANDUIT**

**PHILIPS**

**Schneider**  
Electric

**signify**

**Tai Sin**

**TARGETTI**

**TECobar**  
CAST RESIN INSULATED BUSWAY SYSTEMS

**+ more**

# 01

## 01. Power

### “Make every watt count”

#### Powering up Singapore Since 1990

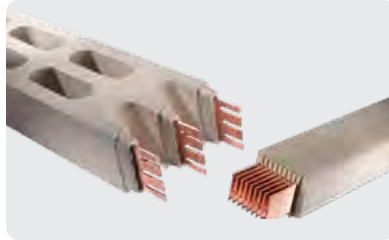
Electrical Power is the critical element that brings device and equipment to life. As a result, power distribution today has to be much more than just reliable. It should be efficient to plan, easy & safe to install and should have the flexibility & adaptability for future changes for energy management and for individual needs

For more than 30 years, LKH Projects Distribution has been providing its clients with reliable power through its solution.



## Power Distribution System

### BUSBAR TRUNKING SYSTEM



Reliable, flexible & customizable, simple and efficient are some of the main features of our busway. Our dedicated local project team is able to support our customer in the designing and drafting of the layout from ground up, installation, testing and commissioning.

Our busway supports applications which range from low voltage to high voltage up to 128KV which is well suited for Infrastructure, Data Centre and any Building Construction Projects.

### CABLES & BRANCH CABLES



We offer a full range of electrical cables from low voltage to medium voltage application. Our full range of standard PVC cables up to 1kV is well suited for application in lighting, heating, air conditioning and more which is fully conforming to both international and local standards. Our medium voltage cable range with varying built in insulation and sheath, supports up to 22kV for power distribution application. Additionally, the fire reaction medium voltage cables are also available for connecting industrial buildings and/or residential construction to the main distribution

We are able to supply both rigid and round cables, and provide solutions to meet changing operating requirements, e.g. cables for 380V DC power distribution to avoid power losses due to AC-DC conversion.

## Power Transmission System



A power transformer is the central device of a power transmission and distribution facility, and has to be highly reliable. At LKH Projects Distribution, we provide you with highly efficient transformers.

- Reduced stray loss and achieved high reliability through new-type disc winding
- Compact size through barrier insulation structure using molded insulation
- Low loss and noise using V-type joint and step-lap
- Achieved long-term, stable high reliability through the adoption of a structure that separates iron core clamping and winding tightening in an ideal way.



*Artificial Skylight*

02

## 02. Lighting

It is common that people only start to think of lighting after the final architectural design has been completed. Although this may not be a problem when complying with design guidelines, it often means that the result is far from being completely integrated with the architectural project. We look forward to helping you in creating a visual feast for your projects through our lighting solutions.



# “Crafting a visual feast to building architecture through our innovative products and solutions

## Indoor Lighting

- Track and light structures
- Luminaires for track
- Recessed spotlights, floodlights & wallwashers
- Recessed luminaires
- Surface-mounted luminaires
- Pendant luminaires
- Task lights
- Wall-mounted luminaires
- Recessed floor luminaires

## Outdoor Lighting

- Projectors, floodlights and wallwashers
- Facade luminaires
- Bollard luminaires
- Recessed luminaires
- Surface-mounted luminaires
- In-ground luminaires

## Our Solutions

- Architectural Lighting
- Customised Lighting
- Functional Lighting
- Decorative Lighting
- Smart Lighting

# 03

## “High speed connectivity for our networks

### Digital Transformation

The world is becoming more interconnected at a pace that none of us have expected

Digital Transformation has reshaped businesses. We are depending more and more on data, computing power and connectivity.





## 03. Data Communications

A complete portfolio of standards-based, technologically superior solutions that support voice, data, security, audio, video, controls and other building and campus systems. Our data communication solution includes both fiber optic and copper cable which offers you full flexibility to meet your project needs. Our connectivity and cable management solution ranges from the entrance facility to the desktop and across the campus.

### POWERED FIBER SOLUTIONS

- Powered Fiber Cable, Outdoor
- Powered Fiber Cable, Indoor/Outdoor
- PoE Extender
- Power Supplies

### FIBER SOLUTIONS

- Fiber Optic Cable
- Fiber Panel Portfolios
- SD Fiber Portfolios
- APAC Local Splicing Solutions
- Fiber Connectors and Adapters
- Fiber Patch Cords
- Fiber Pigtails
- Rack and Cabinet

### COPPER SOLUTIONS

- Category 6A U/UTP
- Category 6A F/UTP
- Category 6 U/UTP
- Category 6 F/UTP
- Category 5e U/UTP
- Category 5e F/UTP

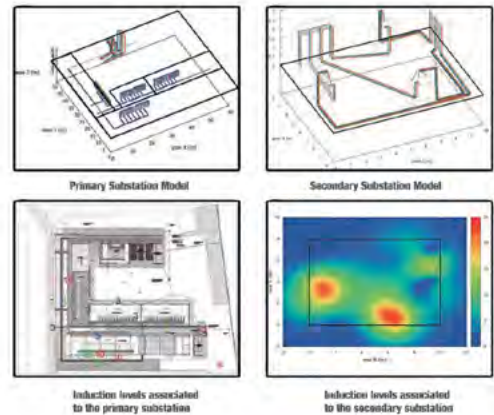


## 04. EMF Testing Services

We provide testing, certification and inspection services for conformance to established international standards. We believe in providing independent, accurate and reliable reports and services that can help businesses improve their products and processes. Our services include measurement, simulation and consultation. We also specialise in electro-magnetic field (EMF), electromagnetic compatibility (EMC) and shielding solution.

### EMF Simulation

- Calculate EMF Radiation level of Power Lines and Equipment
- Simulate on drawing Radiation level and distance
- Identify potential risk from the EMF Radiation
- Recommend most Cost Effective Solution



### Shielding Products & Installation Services

At LKHPD, we apply the latest worldwide standards that are most relevant to the industries and the environment.

#### Products

- Shielding Plate
- Shielding Tray

#### Services

- EMF Calculation & Simulation
- EMF Risk Assessment
- EMF Measurement
- Solution for EMF
- Shielding Installation

# “Ensuring harmonisation of equipments

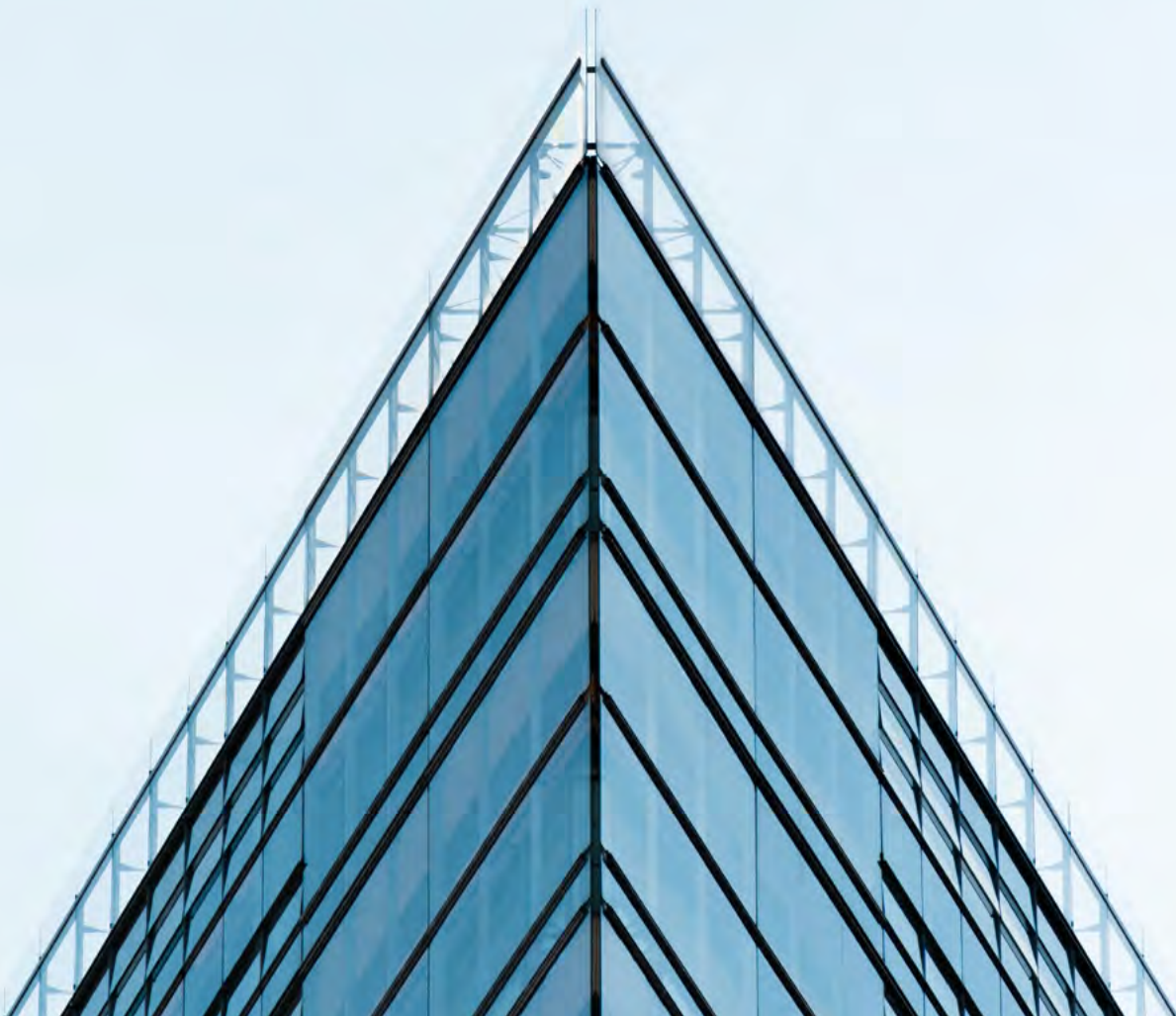
## About EMF Radiation

In these modern days, electromagnetic (EMF) Radiation is everywhere. In many offices and home environments, there are many equipment that intentionally or un-intentionally generate EMF (e.g. Microwave oven, Computer, Television, Modem, and Mobile Phone).

All are operated by electricity, and electricity itself generates EMF. We have found high levels of EMF in our surroundings.



**First Stop For Your Projects**



## **LKH PROJECTS DISTRIBUTION PTE LTD**

### **WEB PRESENCE**

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