



**WE
ENGINEER
EXCELLENCE**

CORPORATE PROFILE

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WELCOME



Welcome to WANZU Engineering Sdn Bhd, your trusted partner in Data Centre Infrastructure, Building Management & Security Systems and Mechanical & Electrical contract services. Established in 2003, we've dedicated our expertise and passion to providing innovative and top-tier solutions, consistently ensuring customer satisfaction.

As you navigate through our company profile, we invite you to learn more about our services, achievements, and unwavering commitment to excellence. Your trust in us fuels our determination, and your success becomes our greatest achievement. With **WANZU**, you are not just engaging with a service provider but partnering with a family that puts your interests first. Together, let's build a brighter and more efficient future.



WANZU ENGINEERING SDN BHD

OUR STORY



In 2003, WANZU Engineering Sdn Bhd was born with a vision to deliver advanced Data Centre Infrastructure in Malaysia. Our humble beginnings soon expanded into Building Management and Security. We then grew rapidly, broadening our expertise into superior Mechanical and Electrical (M&E) services. This growth eventually led us to take on complex projects involving data center infrastructure and building automation systems.

Our growth has been marked by determination, technical excellence, and a commitment to exceed our clients' expectations. Our dedicated team of professionals has been the driving force behind our success, propelling us to the forefront of our industry.

Now, nearly two decades later, we're proud to be recognised as one of Malaysia's best in the field. Our story is one of resilience, innovation, and unyielding dedication to our clients. As we look to the future, we're excited to continue our journey and invite you to join us as we shape the technological landscape together.



OUR VISION & PHILOSOPHY

WANZU aspire to become the trusted premier solution provider in data center infrastructure, Building Management & Security System and M&E Contract Services. By delivering excellent results and upholding top class quality and standards to our clients, we guarantee customers satisfaction.

OUR CORE VALUES

01

PEOPLE

We value our people and continually strive to develop our human resources. We believe people are our key strength for growth.

02

COMITMENT

We are highly dedicated and committed to delivering quality services and meeting all our customer's requirements on time.

03

INTEGRITY

We will maintain our integrity to ensure our standards are always excellent and respected by our customers, vendors, staffers and competitors. Integrity has been our principle and integrity has kept our reputation high.

04

Adaptability & Flexibility

Customer experience is the best opportunity for creating various options for engineering solutions. This is what we call adaptability and flexibility towards customers' requirements. Understanding clients has enabled us to reach the next level of success.

05

Customer Satisfaction

Customer satisfaction is always our top priority. In the past, we have learnt that customer lifetime value is a beneficiary of high customer satisfaction and good customer retention. This is also a key point of differentiation that draws new customers in the competitive business landscape.



OUR SOLUTION

We pride ourselves on offering comprehensive solutions across a variety of sectors. Recognizing the crucial role of Data Center Infrastructure in today's digital era, we ensure the smooth continuity of daily operations. Leveraging our expertise in Mechanical and Electrical (M&E) systems, we help to optimize energy consumption and enhance the operational efficiency of data centers.

Furthermore, we stand out in the realm of Building Management & Security Systems, integrating state-of-the-art technology to guarantee efficient resource use, safety, and comfort. Collaborating with leading industry partners, we develop bespoke solutions that are specifically tailored to meet your unique requirements.

In addition, we offer licensed Mechanical and Electrical (M&E) Contract Services, prioritizing the design and installation of energy-efficient and safe infrastructures. Our services range from Extra Low Voltage Systems (ELV) and ICT/Telco services to efficient Project Management. These turnkey solutions are designed with the goal of delivering unmatched value to our clients.

At **WANZU**, we are committed to blending expertise, innovation, and an unwavering dedication to customer satisfaction. Trust in us, and experience the difference that a partnership with **WANZU** can make.



DATA CENTER INFRASTRUCTURE

Data center is a critical facility required to ensure the continuity of daily operations, especially when everything now requires data, networks and security. Excellent data center management is necessary to optimize energy consumption and its environmental controls and ensure consistent, uninterruptable equipment operations. **WANZU** realise this, and we want to be part of the critical, rapidly evolving Data Centre Infrastructure industry. We provide a solution for all data centre mechanical and electrical (M&E) equipment and service.

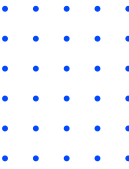
Trust in **WANZU** for holistic, effective data center solutions.

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- Uninterruptable Power Supply (UPS) System and Battery Solution.
- Data Center Power Solution.
- Precision Cooling System.
- Hot/Cold Aisle Containment System.
- Fire Suppression System.
- Equipment Racks and Structured Cabling Works.
- Security & Monitoring System
- Raised Flooring & Builders Works
- Data Center Monitoring Solution
- Integrated Data Center Unit

DATA CENTER INFRASTRUCTURE



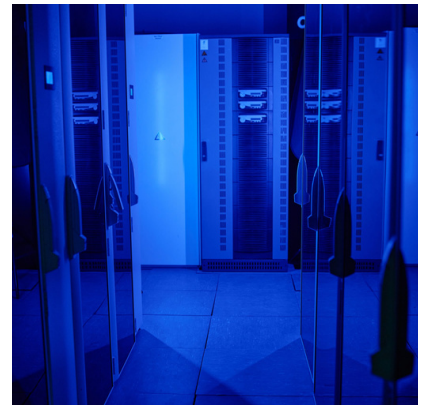
Uninterruptable Power Supply (UPS) System and Battery Solution

We cater to diverse UPS needs, from home PCs to large data centres and industrial sites. Utilizing our partnerships with leading UPS vendors and understanding your business goals, we offer customized solutions including Single/Three Phase UPS, Hot Swap Modular UPS, Lithium Battery UPS, and battery replacement and monitoring.

Data Center Power Solution

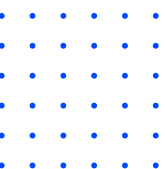
When it comes to today's critical environments, a reliable power source that accommodates the needs of your network is crucial to ensure the sustainability of daily operations.

At **WANZU**, we can help you to design and install technically advanced, reliable and cost-effective power solutions regardless of your new facility or as part of an upgrade on your existing system.



Precision Cooling System

Data centers require an effective cooling system to manage heat dissipation, preventing system failures and prolonging equipment lifespan. **WANZU** provides precision cooling solutions, offering stable temperature and humidity control. Our versatile solutions include high-density modular, in-row, and rack-mounted cooling for diverse applications like data centers, telecom facilities, medical/biotech labs, and environments requiring temperature and humidity control.





Hot/Cold Aisle Containment System

Aisle containment boosts data center cooling efficiency and reduces costs. At **WANZU**, we specialize in both hot and cold aisle systems. We design cost-effective cold aisle containment ideal for retrofitting spaces, and hot aisle containment for enhanced working conditions. We adapt our solutions to suit your unique configuration needs.

Fire Suppression System

Fire, a serious threat to data centers due to high-power consumption and heat-sensitive equipment, demands robust protection. At **WANZU**, we provide comprehensive fire suppression solutions for data centers, server rooms, and telecom exchanges, aligning with BOMBA requirements. Our services include advanced VESDA or HSSD detection systems, a range of clean agent fire suppression systems, Halon/CO2 system replacement, and hydrostatic testing for cylinder integrity.



Equipment Racks and Structured Cabling Works

At **WANZU**, we enhance your IT efficiency with proper rack selections and configurations to ensure reliable operations. Our offerings include power distribution units, rack-mountable KVM switches, and patch panels. In addition, we guarantee optimum connectivity with our structured cabling services, including copper and fibre cabling installation, management, testing, and certification, ensuring high performance and reliability for your daily operations.

Security & Monitoring System

Ensuring security and early hazard detection is crucial for any data center. **WANZU** provides comprehensive solutions like CCTV surveillance, various access control systems, water detection under raised floors, and SMS notifications for equipment faults or potential hazards. Our partnerships with reputable vendors and in-house expertise ensure the most effective security and monitoring, enabling optimal operational levels for your premises.





Raised Flooring & Builders Works

WANZU delivers robust security and monitoring solutions for data centers, encompassing CCTV systems, diverse access control options, and early hazard detection features such as water detection systems and fault notifications. Our strategic partnerships and in-house expertise ensure optimal security, helping maintain the highest operational standards for your premises.

Data Center Monitoring Solution

WANZU excels in Data Center Infrastructure Management (DCIM), a vital solution for managing IT ecosystems' physical infrastructure. We cater to customer-specific requirements, optimizing IT infrastructure performance and facilitating seamless business operations. Our comprehensive DCIM services encompass energy management, asset management, risk assessment, service maintenance, supply chain management, and IT automation.



Integrated Data Center Unit

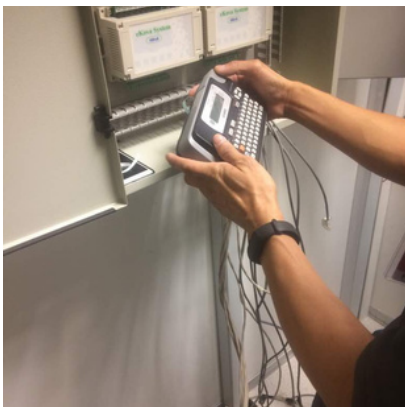
The Integrated Data Center Unit, or Smart Cabinet, is a cost-effective, rapid-deployment solution that consolidates essential data center systems. Its remote monitoring enables unattended operation and unified management.

Criteria of Integrated Data Center Unit:-

- Plug and play with your premise.
- Eliminate raised floor and external cooling requirements.
- All-in-one rack – cooling, power backup, fire protection, security, monitoring.

Benefits of Integrated Data Center Unit:-

- Prompt deployment – Fast and easy installation.
- Expandable – Capable to be expanded from a single rack to multi racks based on current and future requirements.
- Reduce Capex – Lower initial investment and construction compared to the conventional data center.
- Increase energy efficiency – lower your cooling and power operating costs.
- Customizable – Can be customized according to your cooling and power requirements.
- Energy saving – No longer need to cool your entire IT room –just your IT equipment.
- Movable – Can be easily moved to other locations based on your preferences.
- Remote operation – Can be operated remotely. Suitable for your branch office/network.
- Affordable by small businesses – straightforward design.



BUILDING MANAGEMENT & SECURITY SYSTEM

Building Management & Security Systems represent a pivotal technology that allows for efficient and economical use of resources, all while creating a safe and comfortable environment. The system control and monitoring of Electrical & Mechanical features, Internet of Things (IoT) sensors, energy tracking, integrated surveillance and access control on one platform, lighting regulation, and chiller optimization are a few mechanisms that can be leveraged in a smart building to control and enhance its performance.

Despite the competitive nature of the business landscape and the fast-paced advancement of new technologies, **WANZU** consistently stands out as a leading company, offering top-notch solutions for your building systems.

In cooperation with our highly esteemed vendors, we provide comprehensive, tailor-made solution packages right from our in-house team. These solutions are designed to enhance and optimize the environment for all occupants, facilities managers, and property owners.

WANZU is a certified distributor and system integrator of top-tier Building Management & Security Systems in Malaysia. Trust in us for all your building system needs.

BUILDING MANAGEMENT SYSTEM (BMS)

Nowadays, most commercial and institutional buildings utilize BMS to control heating, ventilation and air-conditioning (HVAC) and other systems such as lighting control, smoke control, etc. The benefit of BMS is enormous. It helps to improve energy efficiency, which in turn reduce facility utilities and maintenance cost. This brings comfort to the occupants and provides a safe environment.

WANZU has close collaboration with our technology partners. Our people are well-trained and can integrate various solutions into something that will fit the customer's needs. We can also recommend the best approach for each problem to our clients.

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Intelligent Building Management System (I-BMS)

BMS refer to systems used to control and automate many of the functions associated with building management. The “I” part of I-BMS is intelligent, representing a new level of complexity that BMS can’t achieve. While BMS could turn on the air-conditioning and light and preset schedule, IBMS can use more complex logic to achieve more granular controls. IBMS can turn on the air-conditioning when the specific individual comes into the premises, then automatically adjust the temperature and brightness based on individual preferences and the surrounding environment.

Furthermore, I-BMS is not only the extension of BMS but also integrates multiple systems, such as asset/resource management, maintenance management, space management and IOT protocol, into one platform.



Integrated Security Solution

WANZU's Integrated Security Solution, empowered by Niagara Enterprise Security, offers a comprehensive approach to modern security challenges. This advanced system merges access control, video surveillance, and other security applications into one unified building ecosystem, thus offering cost-efficiency and simplified management.

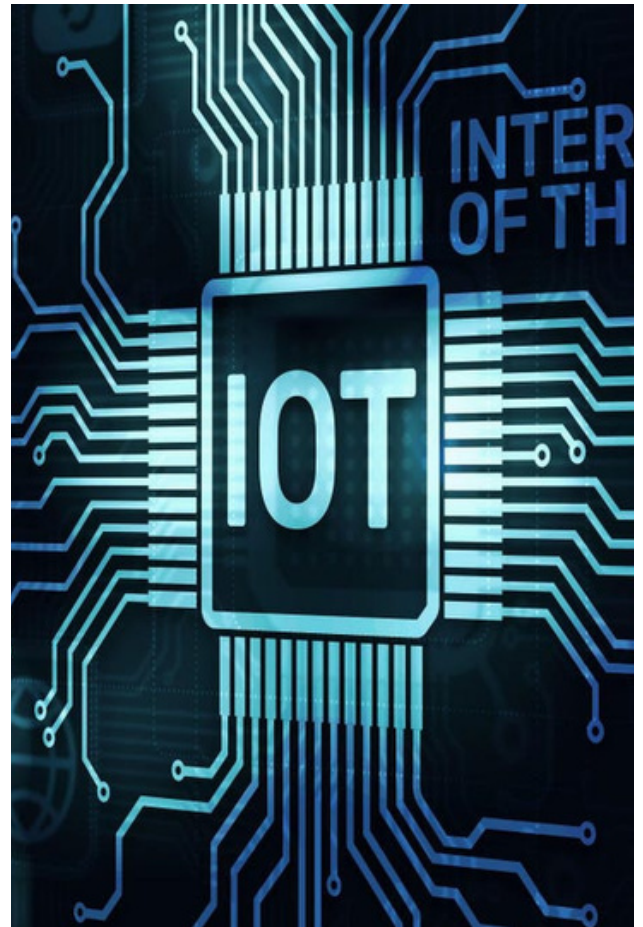
Key features include a unified graphical toolset, seamless integration with most building automation systems via BACNET, and customizable access control functions. Moreover, it provides a centralized user interface for all building systems. This strategic consolidation significantly enhances the safety and security of your business operations, ensuring the protection of your employees and customers.

Internet of Things (IoT)

In short, the Internet of Things (IoT) is the digital, connected universe of smart devices. These devices are embedded with internet connectivity and consist of hardware, such as sensors, that can communicate with people, the internet and each other.

The emergence of the IoT in the last decade has opened innovative ways to leverage existing BMS alongside a wealth of IoT data. Combining BMS and IoT can help users achieve optimization and ultimately create intelligent buildings.

However, you aren't reaching the maximum benefit without the right tools and methods to bring IoT and BMS together. This is where **WANZU** can help you. Our solution will enable you to integrate various IoT devices with industry-standard BMS communication protocols, such as BACnet. Leveraging all IoT devices' data into a single platform will turn your premises into an intelligent building with rich data for analytics purposes.



ENERGY MONITORING & DASHBOARD



Effective energy management can have a significant impact on your operating expenses. But it's not always easy to know where you can make gains – or how to do it.

Our energy monitoring & dashboard are built on a secure web-based platform presenting key energy metrics visually. Anyone on your team can see at a glance how the different parts of the system affect each other and, if there are any issues, enable smart decisions that continuously improve your energy performance.



OUR SERVICES

DESIGN AND BUILD



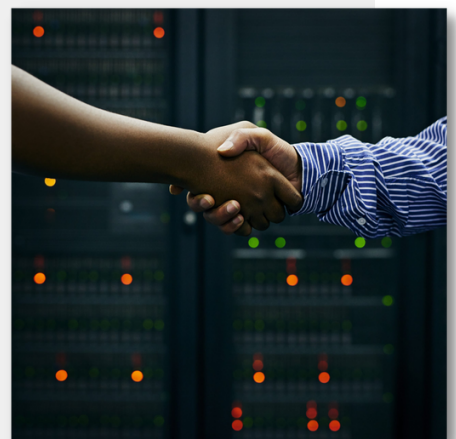
At **WANZU Engineering Sdn Bhd**, we pride ourselves on providing a comprehensive, unified workflow for Design and Build projects. Starting with meticulous site surveys and information gathering, we transition smoothly into design and analysis, followed by transparent costing and pricing. Our dedicated team then ensures top-tier project implementation and management. We emphasize stringent testing and commissioning, concluding with thorough verification and performance testing before a seamless project handover. With **WANZU**, you're guaranteed on-time delivery, cost-saving solutions, and low-risk outcomes. Your success and satisfaction are at the heart of everything we do.



RETROFITTING



Retrofitting is a cost-effective method to enhance and preserve your existing infrastructure without incurring the high costs of complete replacements. At **WANZU Engineering Sdn Bhd**, we specialize in providing tailored retrofitting solutions that align with your site's specific requirements. Our process begins with an extensive site survey to perform a thorough inspection and audit of your current setup. This understanding enables us to propose a retrofit project designed to optimize your infrastructure while maintaining, or even enhancing, its performance. Choose **WANZU** for your retrofitting needs, and experience our commitment to efficiency, sustainability, and client satisfaction.



MAINTENANCE



Understanding the importance of effective maintenance for smooth operations, **WANZU Engineering Sdn Bhd** provides a range of customized maintenance plans based on client requirements. Our robust offerings include 24-hour emergency call dispatch services, power or system quality consulting, and comprehensive testing and analysis of your system. We handle part replacement, disposal, and provide in-depth analysis for any critical power or system issue, supported by written reports and solutions. Furthermore, we carry out scheduled preventive maintenance under flexible service plans designed to cater to your unique needs. Opt for **WANZU** for a seamless, efficient, and reliable maintenance experience.



RENTAL



Recognizing that capital expenditure might not always be the preferred option, **WANZU Engineering Sdn Bhd** offers flexible rental plans designed around your specific needs, timelines, and budgets. Our rental services eliminate concerns about repair, maintenance costs, equipment calibration, upgrades, and wear and tear. These considerations are all incorporated into our comprehensive rental plans. Our approach is aimed at providing you with cost-effective solutions that keep your operations running smoothly while allowing you to manage your financial resources efficiently. Opt for **WANZU's** rental services for a hassle-free, efficient, and budget-friendly solution.



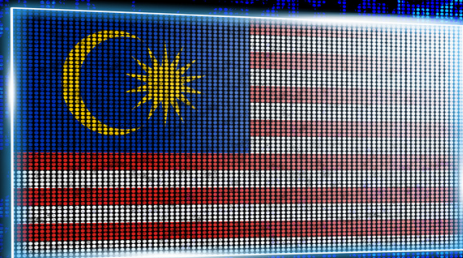
PROFESSIONAL CONSULTATION



At **WANZU Engineering Sdn Bhd**, we pride ourselves on being a specialist service provider with extensive experience in the field. Leveraging this, we offer professional consultation services designed to deliver expert advice and effective problem-solving strategies. Our team is composed of competent and reliable professionals, who skillfully blend their wealth of knowledge with hands-on industry experience to tackle your unique challenges.

The breadth and depth of our experience make us a resourceful partner, capable of crafting customised solutions to even the most complex problems. We strive not just to solve immediate issues, but also to equip our clients with the knowledge to make informed decisions in the future. Trust in **WANZU**, where competence, knowledge, and experience come together to provide unparalleled consultation services.





WE ARE QUALIFIED AND REGISTERED

SURUHANJAYA SYARIKAT MALAYSIA
PERAKUAN PEMERBADANAN SYARIKAT SENDIRIAN

No. Syarikat: 638248-H



KEMENTERIAN KEWANGAN MALAYSIA SIJIL AKUAN PENDAFTARAN
SYARIKAT &
SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA

No. Rujukan Pendaftaran: 357-02033278



LEMBAGA PEMBANGUNAN INDUSTRI PEMBINAAN, CIDB PERAKUAN
PENDAFTARAN &
SIJIL PEROLEHAN KERJA KERAJAAN

No. Pendaftaran: 0120050224-WP102246



KEMENTERIAN PEMBANGUNAN ESAHAWAN DAN KOPERASI &
KOPERASI SIJIL TARAF BUMIPUTRA KONTRAKTOR KERJA

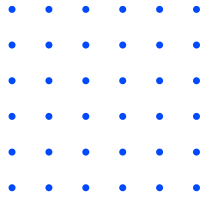
No. Sijil Pendaftaran: 0120050224-WP102246



SURUHANJAYA TENAGA (ST) PERAKUAN PENDAFTARAN SEBAGAI
KONTRAKTOR ELEKTRIK

No. Sijil Pendaftaran: ST(TKL)SGR/C/KE/01377/2015





OUR PARTNERS



KSTAR

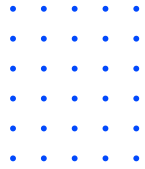


TRIDIUM



OUR CLIENTS

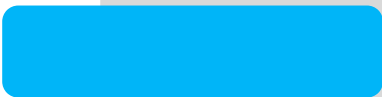
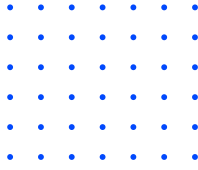




WHY CHOOSE WANZU?

Selecting **WANZU** signifies investing in exceptional quality and innovative solutions tailored to your business needs. Our place as industry front-runners is cemented by our deep understanding of the complexities of the evolving digital landscape and our ability to adapt to its rapid changes. Our expertise, backed by years of experience, enables us to provide comprehensive solutions, whether it be in data center management, mechanical and electrical services, or building management and security systems.

As a partner, we understand the value of dedication and professionalism. Our team is committed to maintaining high standards of service, consistently exceeding client expectations and fostering relationships built on trust, satisfaction, and mutual growth. With **WANZU**, you're not just investing in a service provider, but in a reliable, long-term partnership that prioritizes your business objectives and works diligently to drive your organization toward achieving them.



the
BEST

CONTACT INFORMATION



03-61202711 / 03-61382711



ADMIN@WANZU.COM.MY



WWW.WANZU.COM.MY



29-1 & 29-2, SELAYANG POINT, JALAN SP1,
TAMAN SERI MELATI, 68100 BATU CAVES,
SELANGOR

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