Facilities Reimagined, Efficiency Optimized

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Arc
Technologies

Tired of juggling fragmented systems and inefficient facilities? Are escalating energy costs cutting into your profits?

From siloed data to poor energy management, we understand the challenges hampering real estate portfolios with traditional facility management and building systems. From the lack of remote monitoring and control to the absence of automated data analytics, your obsolete building management system is costing you more than you realize.

That's why we've developed integrated solutions to optimize efficiency across your properties and facilities.

Arc Technologies' Smart Building Solutions unite systems under one roof to boost productivity and cut costs. Net Zero Carbon Solutions use data-driven analytics to reduce your energy consumption and carbon footprint, while Smart Facility Management automates manual processes and harnesses the power of IoT to boost productivity, efficiency, responsiveness, and customer satisfaction.

Ready to leverage data-driven energy management and intelligent facility management systems to radically boost your efficiency, stay competitive, and curb your carbon emissions?

SMART BUILDING SOLUTIONS

Working in partnership with Univers and Combuilder, Arc Technologies offers a comprehensive suite of Smart Building Solutions. These cutting-edge solutions are customized to the needs of industrial businesses, property developers, and local government agencies for optimizing energy efficiency and boosting facility management efficiency.

NET ZERO CARBON SOLUTIONS

Cut energy costs, boost operational efficiency, and reduce your carbon emissions at the same time. It's a win-win for all!

SMART FACILITY MANAGEMENT

Boost worker/contractor productivity and efficiency; raise service quality standards; improve customer satisfaction; and automate administrative & manual processes.

NET ZERO CARBON SOLUTIONS

Struggling to manage your escalating energy costs? What if we told you there was a way to cut costs, boost efficiency, AND minimize your carbon emissions simultaneously?

Our suite of Net Zero Carbon Solutions delivers the end-to-end visibility and control you need to radically optimize your energy consumption and transform your temperature control system. Automated analytics provide granular insight across building systems to maximize savings while smart controls continuously optimize settings to sustain peak efficiency 24/7

Energy Analysis App

Had enough of soaring energy costs and navigating complex data? Our Energy Analysis app is the solution you need, providing real-time visibility into energy consumption across building systems and virtual meters. You'll have actionable insights for improved energy efficiency and productivity at your fingertips, wherever you are.

> This digital energy auditor tracks consumption across all systems, 24/7.
> A user-friendly dashboard that provides a clear overview of energy KPIs; usage trends; peak demand tracking; carbon impact projections; and energy usage breakdown bysystems, at a glance.
> Custom reports of automated data analysis deliver transparency into granular energy consumption and power demand patterns, while forecasting ensures sustainability targets remain achievable.

Energy Diagnostics

Our Energy Diagnostics module utilizes AI-powered data analytics to continuously monitor your equipment for hidden inefficiencies through advanced energy waste detection and diagnostics.

> By automatically detecting anomalies, the module flags issues such as unusual spikes, overextended runtimes, and signs of wear and tear.
> The system then prescribes tailored action plans to resolve problems before they escalate.
> Facility managers are empowered to reduce energy waste and curb carbon emissions through preventative maintenance that improves system efficiency versus costly emergency repairs and downtimes.

HVAC Auto-Optimization

Sit back and watch our HVAC Auto-Optimization solution revamp your HVAC system—not just in boosting energy efficiency, but also in maintaining optimal working conditions, which are key to increasing overall productivity.

> This intelligent system analyzes weather forecasts and real-time occupancy to continuously optimize temperature settings for peak efficiency and thermal comfort.
> Smart forecasting of heating and cooling needs based on current and historical data delivers maximum comfort while minimizing energy costs.
> Setpoint adjustments are made automatically in real-time, without human intervention.
> Prevents energy wastage from over-cooling, over-heating, or over-ventilating.

Join the future of efficient, intelligent buildings with our automated energy management solutions. Say goodbye to exorbitant energy costs, improve efficiency, and reduce your carbon footprint at the same time.

SMART FACILITY MANAGEMENT

Tired of workplace inefficiencies and fragmented systems?
Arc Technologies' Smart Facility Management solutions offer automated and centralized systems to boost productivity, efficiency, and customer satisfaction.

Workforce Management

Maximize your workforce productivity for enhanced efficiency across your organisation.

> Streamline scheduling with data-driven workforce management.
> Align skillsets with locations through demand-based job assignment to meet changing priorities.
> Ensure completion with real-time job status tracking and prevent understaffing via automated shift planning.

Asset Management

Track all your properties, facilities, equipment, and assets via a centralized asset registry system.

> Real-time condition data such as servicing schedules, lifecycles, and warranties enables targeted preventative care for optimized asset and property maintenance.
> Track equipment lifecycles and optimize usage to avoid disruptive downtime.
> A centralized system that ensures all your equipment and properties are kept in optimal condition.

Works Order Management

Cut the paperwork clutter and human errors with automated work order processing.

> An automated system to streamline the creation, assignment, tracking, and completion of maintenance work orders—minimize asset downtime while reducing human errors, delays, and miscommunication.
> Predefined rates make cost estimation a breeze.
> Intelligent scheduling optimizes technician time and preventative maintenance.

Contractor Management

Bring third-party oversight in-house.

> Contractor management tools offer real-time performance tracking to identify issues and support better work allocation.
> Compliance monitoring mitigates risks while ensuring contract standards are upheld.
> Performance metrics tracking allows for optimal service level management and quality assurance.

IoT Monitoring

Harness the power of IoT to boost agile efficiency and responsiveness.

> Non-intrusive Internet of Things sensors provide remote monitoring with real-time 24/7 visibility of all managed assets, equipment, and facilities.
> Data analytics spot inefficiencies and predict potential problems to drive proactive and pre-emptive action.

Case Management

Improve customer satisfaction with a complete case view, for faster and more personalised resolution.

> Case management systems centralize customer details, resources, and services to provide better coordinated and more personalised care, from inquiry to resolution.
> Cases can be logged via various channels (call centre, email, social media).
> Automated workflows link customers to appropriate resources and services.
> Case managers have a holistic view of case details to make better decisions throughout the lifecycle of the case, creating a better service experience for customers.

Operations Command Center

Improve operational control via a central hub for visual tracking of operations and response coordination.

> Integrated data feeds and visual dashboards empower teams to make insightful decisions, ensuring smooth operations.
> Quicker decision-making and resource allocation during incidents.
> Centralized monitoring and tracking of contractors and workforce performance to boost productivity and efficiency.

The future of facility management is here. Unify your systems, data, and capabilities under one roof to gain the visibility and control needed to excel today, and tomorrow.

Consultation & Custom App Development

Want to harness the power of our Smart Building Solutions but have unique needs? Our team of experts can provide personalized consultation and custom development to meet the specific requirements of your properties and portfolios.

Whether you're a business managing a complex enterprise facility, a property developer planning a new sustainable community, or a government agency overseeing public infrastructure, we have the experience to tailor solutions for your environment.

Let us guide you in leveraging data-driven energy management and automated intelligent facility management systems to radically boost your efficiency, stay competitive, and curb carbon emissions.

Get in touch today to explore how our custom-built apps can maximize efficiency across your diverse properties and facilities. Email us at **info@arctechnologies.io** or call us toll-free at **010-961 1515.**

ABOUT US

> WHAT WE DO

Arc Technologies is an innovative tech solutions provider specializing in advanced cybersecurity and smart building systems.

Through Arc CyberShield, we provide world-class cybersecurity solutions for Malaysian businesses and government agencies. Under Smart Building Solutions, we offer Net Zero Carbon Solutions to radically optimize your energy consumption and automate your temperature control system, and Smart Facility Management solutions to boost productivity, efficiency, and customer satisfaction via automated and centralized systems.

> A FORWARD-THINKING APPROACH

We don't just sell cybersecurity solutions. Our focus is on futureproofing your business operations as you embark on your digital transformation. This means ensuring a robust cybersecurity and smart building framework for your digital operations from day 1, designed to scale in tandem with your business growth.

Mission & Values

Arc Technologies is on a mission to create progressive, secure, and sustainable intelligent cities in Malaysia using state-of-the-art technological solutions.

Our services and solutions are designed with the following values as our guiding principles:

Innovative

We believe in continuously developing new and improved software solutions that utilise the latest cutting-edge technologies in cybersecurity and smart building systems, to keep your organisation ahead of the curve.

Secure

With cybercrime on the rise and growing more sophisticated by the day, cybersecurity is no longer optional but a prerequisite for all digital environments.

We're committed to ensuring the highest cybersecurity standards for all our customers and projects.

Sustainable

As we continue to experience the harsh effects of climate change, Arc Technologies is committed to creating sustainable, intelligent cities in Malaysia that will help curb our collective environmental impact and allow Earth to regenerate.

BOARD OF DIRECTORS

LING LEE CHUON @ JAMES LING CHUNG
Director

TAI HEE
Director

DAVID TAI WEI
Director

HII DING SING
Director

PHONG MAI
Director

WHY PARTNER WITH US

We Care About Your Long-Term Growth

We don't just offer standalone smart building solutions; we provide an integrated, scalable approach to futureproof your digital transformation and business growth for the long run.

Vast Industry Experience

Arc Technologies is founded by a management team with a combined 50 years of experience in the technology and software industry, besides deep expertise in innovative IT solutions.

Innovative Solutions Tailored to Your Needs

By partnering with established international technology experts with specialized know-how and real-world experience, we're able to offer state-of-the-art Net Zero Carbon and Smart Facility Management solutions customized to your unique business needs.

Solutions that Scale with Your Digital Transformation

Our solutions are designed to scale with your digital transformation journey, customized to meet your evolving needs at different stages of your digital expansion. We're here for you every step of the way.

univers

Univers is a global Artificial Intelligence of Things (AIoT) technology leader headquartered in Singapore with over 500 employees across ten offices in China, France, Norway, the Netherlands, the United Kingdom, and the United States. In addition to EnOSTM— the world-class AIoT operating system, Univers offers Smart Renewables (Hydro, Solar, Wind); Smart Cities; Smart Buildings; Connected Energy; Smart Plants; and Smart Networks; partnering companies and governments in their digital transformation journey. Arc Technologies proudly partners with Univers in offering our Net Zero Carbon

Solutions.

PAST PROJECT

Clients	Scope Of Work
	Engineering Services/Consultancy for the Hospital Information System (HIS) for Phase 1 and Phase 2 of *"Pembinaan Dan Penyiapan Hospital Pengajar Dan Pusat Kesihatan Prima (PKP) Universiti Malaysia Sarawak (UNIMAS) Kota Samarahan, Sarawak (Reka Dan Bina)"*.
	Supply Of A Comprehensive And Integrated IOT Platform For Sarawak Digital Economy Corporation Berhad (SDEC) - *Ongoing*

Book a Free Consultation with Us

Find out how we can help optimize your energy efficiency and revamp your facility management with the latest cutting-edge intelligent systems.

Book a free consultation with us by emailing us at **info@arctechnologies.io**, or calling us toll-free at **010-961 1515.**