



SYSTEM DEPLOYMENT AND ADMINISTRATION

Increase your business agility
and maximise your cybersecurity
investments with our services



Moore Hong Kong

WHY MOORE?

At Moore, it's not about us. It's all about you. When it comes to providing personalised and commercially astute audit, accounting, tax and business advisory services, it simply can't be anything else.

With over 30 directors and a team of over 300 staff, we offer a wide range of audit, assurance tax, and advisory services to our clients. Our global family of 30,000 professionals in more than 110 countries allows us to share expertise, knowledge, and best practices to ensure our clients receive the highest quality of service, no matter where their work takes them.

As your genuine professional partner, we will not only advise you but also challenge you to meet your goals and objectives for the future. With our team's personal qualities, skills, and experience, we are confident in our ability to support your group's development.

Secure software development life cycle (SDLC)

The traditional SDLC is no longer sufficient to address modern cybersecurity challenges. Global businesses must adopt a more comprehensive approach that prioritises software security and resilience throughout development.

Neglecting a secure SDLC exposes companies to cyber breaches, high incident response costs, regulatory penalties, loss of customer trust, and vulnerable software.

The secure SDLC is a holistic methodology that integrates security measures throughout the development process to protect against vulnerabilities. Our IT & Cybersecurity team can enhance your security posture across all phases of the secure SDLC.

Requirement definition: We provide comprehensive security assessments, incorporate industry-standard security frameworks and best practices, and ensure the security requirements are aligned with your organisation's security goals.

Design: We identify and evaluate appropriate security controls based on identified risks and security requirements. Also ensuring that the design of the software architecture uphold the Confidentiality, Integrity, Availability (CIA) triad.

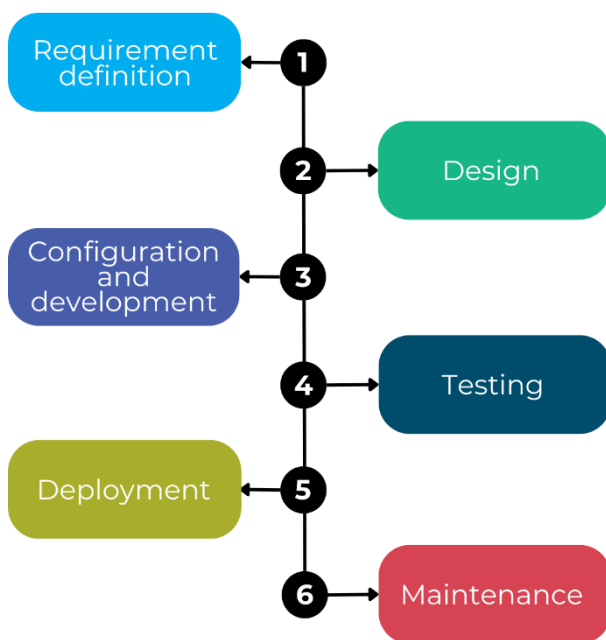
Configuration & development: We offer secure coding guidance, reviewing the robustness of your mechanisms, including data encryption secure authentication, password policy within software code, and review the code to mitigate vulnerabilities.

Testing: We execute vulnerability scanning and penetration testing to verify and validate the effectiveness of your security measures, analysing the test results and provide recommendations to address identified security risks and vulnerabilities.

Deployment: We help ensure your software is fortified against security threats through the application of secure configuration practices, and that robust security parameters for different components of the software environment are established and implemented to achieve integrity.

Maintenance: We continuously monitor the application and infrastructure for security threats and vulnerabilities, maintain the software through effective patch management and assist you in implementing an incident response plan.

Secure software development life cycle

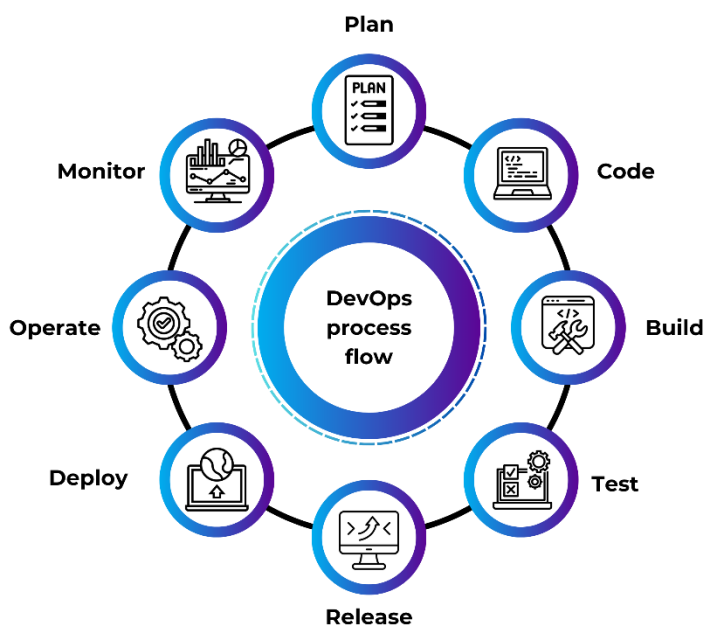


DevOps

In today's global market, rapid software delivery is crucial. DevOps has emerged as a transformative approach, reshaping how organisations handle technology initiatives.

DevOps focuses on automation and continuous integration/delivery to improve customer value and enhance business agility and resilience. The DevOps market surpassed \$10.4 billion in 2023 and is projected to grow at a 19.7% compound annual growth rate from 2023 to 2028.

The key to DevOps' success is its eight-phase pipeline, which drives continuous innovation. It replaces siloed development and IT operations with a harmonious approach where teams collaborate to adapt quickly to market demands.



Plan: We collaborate with you to understand business and security requirements, providing input on your security design principles and threat modelling, assisting you in creating a security focused product roadmap.

Code: We provide secure coding guidelines and standards to responsible team of yours and conduct regular code reviews to identify and remediate security vulnerabilities to enforce consistent coding practices.

Build: We provide guidance on secure software versioning, artifact storage, and distribution, ensuring the secure configuration of your build environment.

Test: We collaborate with your testing team to incorporate various forms of testing, such as penetration test and vulnerability scanning to validate the security posture of your application in the test environment.

Release: We verify the security readiness of your application before its release to production environment through ensuring the robustness of your secure release management processes.

Deploy: We collaborate with you through providing guidance on your secure deployment strategies and verifying the secure configuration of your production environment.

Operate: We collaborate with you to monitor your production environment for potential security incidents through collecting and analysing security related data to identify and address emerging threats.

Monitor: We closely track and analyse the security posture and risks of your application and channel them back into the planning process to shape improvements and new capabilities for your subsequent product release.

Artificial intelligence (AI) & machine learning (ML) technology

Embrace the power of artificial intelligence and machine learning technology. Transform your business, unlock new possibilities, and thrive in the era of intelligent technologies

Artificial intelligence (AI) and machine learning (ML) technologies are revolutionising industries, empowering businesses to make data-driven decisions, automate processes, and unlock new possibilities. Here we delve into the realm of AI and ML technology, shedding light on their significance and transformative potential.

Understanding artificial intelligence and machine learning

Artificial Intelligence refers to the simulation of human intelligence processes by machines, enabling them to learn, reason, and solve complex problems. Machine learning, a subset of AI, focuses on the development of algorithms that allow machines to learn from data and improve their performance over time without being explicitly programmed.

Key components of AI & ML technology

Data processing: Leveraging vast amounts of data to train AI models and extract valuable insights.

Algorithms: Developing sophisticated algorithms that enable machines to learn patterns and make predictions.

Automation: Streamlining processes and tasks through AI-driven automation for increased efficiency.

Neural networks: Mimicking the structure and function of the human brain to enhance machine learning capabilities.

Benefits of AI & ML technology

Enhanced decision-making

Utilise AI insights to make informed decisions and drive business strategies



Automation and efficiency

Automate repetitive tasks and processes, saving time and resources



Personalisation

Deliver personalised experiences to customers through AI-driven recommendations



Predictive analytics

Forecast trends and behaviour patterns based on historical data for strategic planning



Why choose AI & ML technology?

AI and ML technologies offer a competitive edge by enabling organisations to harness the power of data, drive innovation, and stay ahead in a rapidly evolving digital landscape. By embracing AI and ML solutions, businesses can unlock new opportunities, optimise operations, and deliver enhanced customer experiences.

Artificial intelligence and machine learning are at the forefront of technological innovation, reshaping industries and redefining the way businesses operate. By leveraging AI and ML technologies, organisations can drive growth, foster innovation, and navigate the complexities of the digital age with confidence.

Blockchain technology

Embrace the future with blockchain technology. Transform your business operations, enhance security, and pioneer a new era of trust and transparency in the digital landscape

Blockchain technology has emerged as a groundbreaking innovation with the potential to revolutionise industries, enhance security, and redefine trust in digital transactions. Here we delve into the world of blockchain technology, shedding light on its core concepts, applications, and transformative impact on businesses.

Unravelling blockchain technology

Blockchain is a decentralised, distributed ledger technology that securely records transactions across a network of computers. Each transaction is stored in a block, linked to the previous one, creating a chain of blocks — hence the name "blockchain." This immutable and transparent system ensures trust, security, and transparency in digital interactions.

Key components of blockchain technology

Decentralisation: Eliminating the need for intermediaries by enabling peer-to-peer transactions.

Cryptography: Securing data and transactions through complex cryptographic algorithms.

Consensus mechanisms: Establishing agreement among network participants on the validity of transactions.

Smart contracts: Self-executing contracts that automatically trigger actions when predefined conditions are met.

Benefits of blockchain technology

Enhanced security

Safeguard data and transactions with cryptographic encryption and decentralised storage



Transparency

Enable real-time visibility into transactions, ensuring integrity and accountability



Reduced costs

Streamline processes, eliminate intermediaries, and lower transaction costs



Immutable records

Create tamper-proof records that cannot be altered, ensuring data integrity



Why choose blockchain technology?

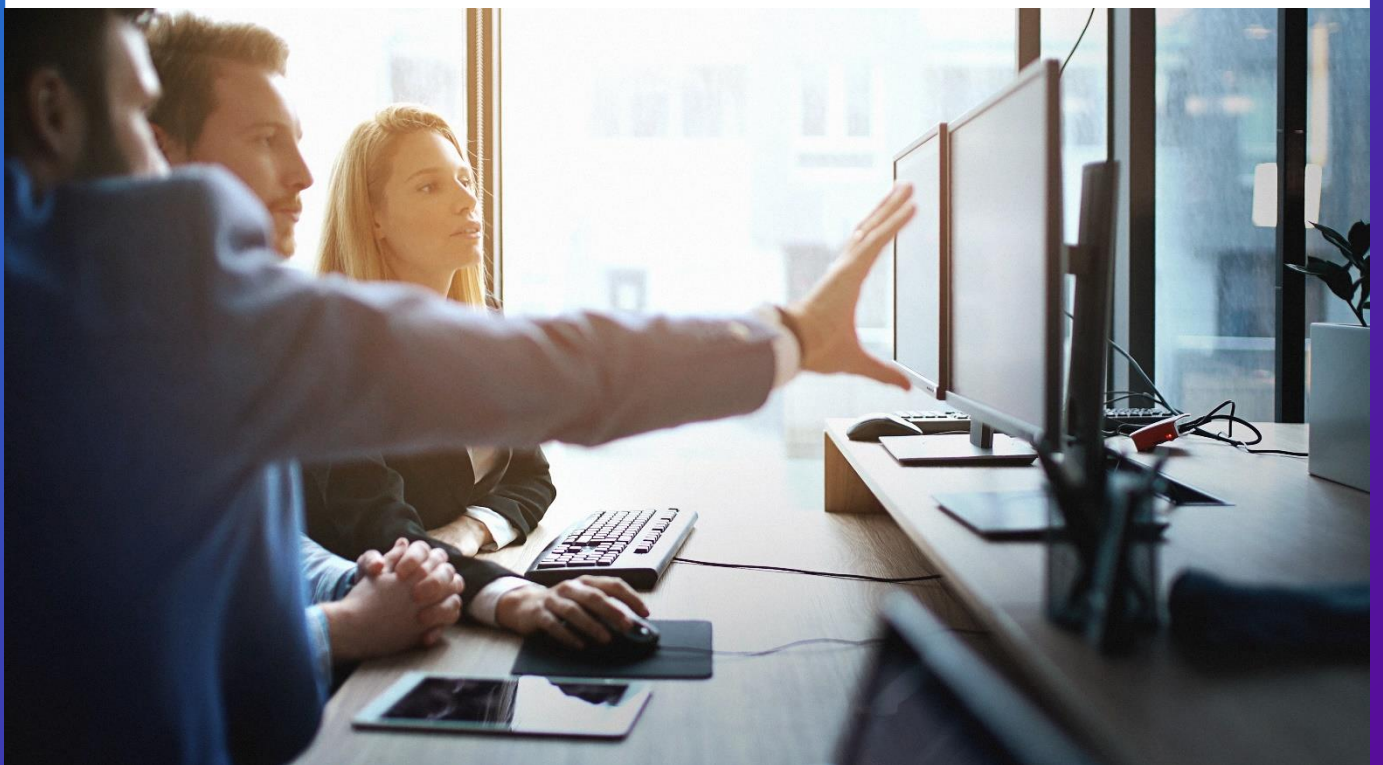
Blockchain technology offers a paradigm shift in how data is stored, shared, and verified, paving the way for enhanced security, efficiency, and trust in digital transactions. By adopting blockchain solutions, organisations can streamline operations, mitigate fraud risks, and foster a new era of trust in their business processes.

Blockchain technology stands at the forefront of digital transformation, offering a decentralised and secure framework for conducting transactions and managing data. Embrace Blockchain to unlock new possibilities, drive innovation, and establish trust in an increasingly interconnected world.

Why work with us?

- Our team includes professionals with practical and solid knowledge and experience.
- The team comprises charter holders or members of professional bodies such as CPA, CISA, CIA, ACCA, CIPP/A and lead auditor for ISO/IEC 27001/27017/27018 & ISO/IEC 20000 (IRCA).
- We have extensive sector knowledge to provide customised advice to suit each client taking into account size, capabilities and goals.

Backed by our international network, we have the scope to provide clients with all solutions and expertise they require, wherever they choose to do business.



CONTACT US

Our IT and Cybersecurity practice offers a spectrum of services that help businesses to achieve a robust IT architecture and security framework through identifying vulnerabilities, threats, and areas for improvement.

For any enquiries, please contact our advisers directly.



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At Moore, our purpose is to help people thrive – our clients, our people, and the communities they live and work in. We're a global accounting and advisory family with over 37,000 people in 558 offices across 114 countries, connecting and collaborating to take care of your needs – local, national and international.



An independent member of Moore Global Network Limited – members in principal cities all throughout the world.

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