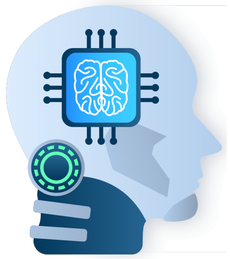

MCP and ACP for Leaders and Business Professionals

Masters of Executive Technology Management from University of Technology, Sydney (UTS).

Leaders need to understand MCP and ACP because these protocols let AI systems work together and connect to business data safely, turning expensive custom AI projects into simple, reusable solutions that save money and reduce risk.

Adopting AI, MCP and Agentic AI, purposefully, efficiently, and safely is crucial.

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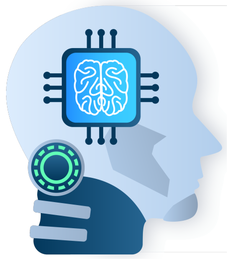

MCP

The Model Context Protocol is an open standard that provides a single, standardised framework for AI models to securely connect to your internal tools, APIs, and data sources.

Think of it as USB-C for AI. Instead of building dozens of custom integrations Generative AI decides what data (context) is needed, and MCP will provide the data to it.

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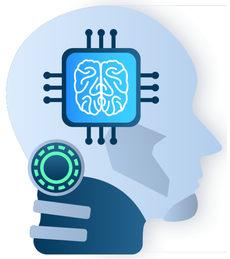
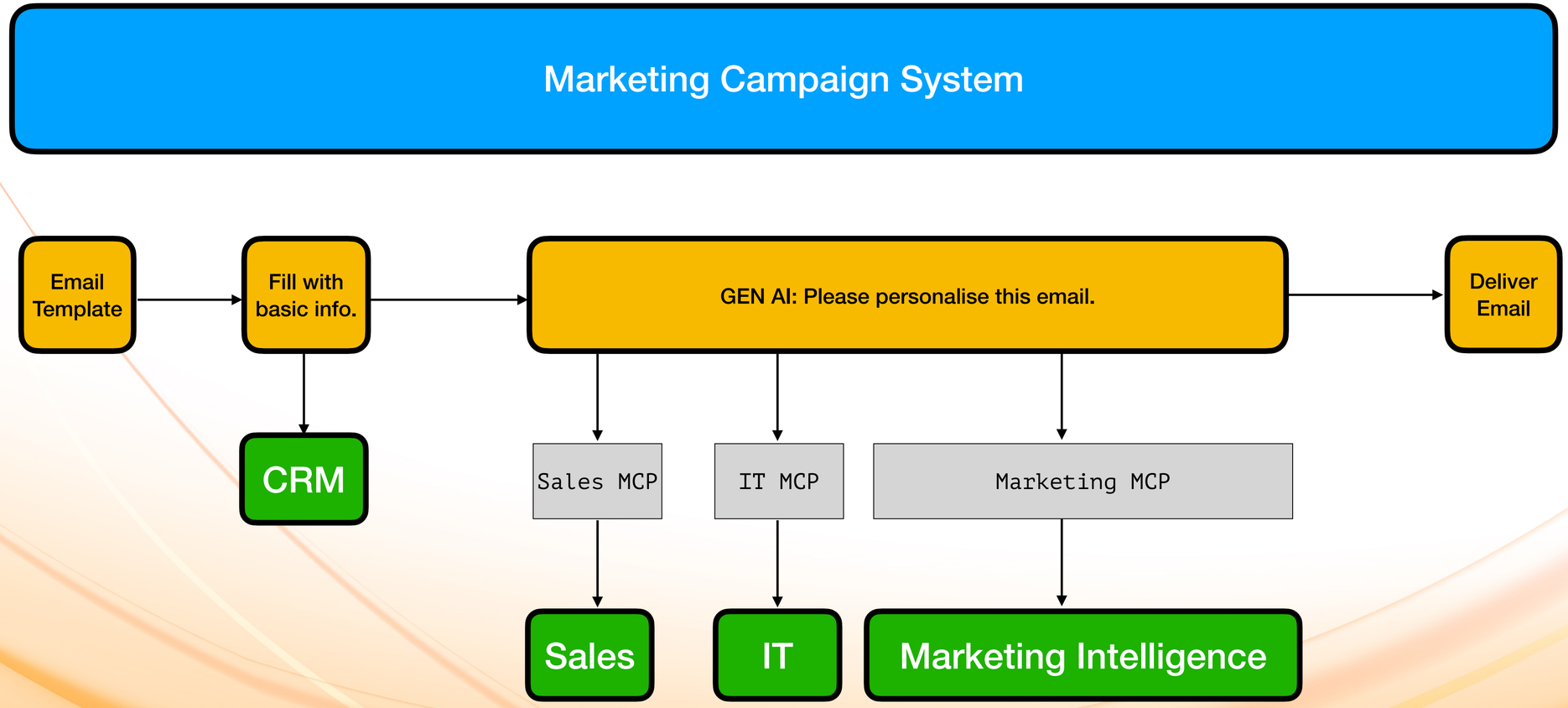
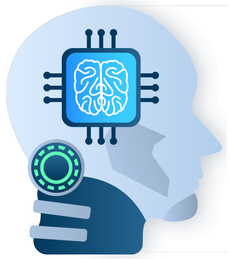


Model Context Protocol

How MCP works?





Model Context Protocol

Business Benefits of MCP

Operational Efficiency

- Reduced Development Overhead
- Streamlined AI Integration

Cost and ROI Benefits

- Lower Integration Costs
- Faster Time-to-Market
- Resource Optimisation

Strategic Business Advantages

- Enhanced Governance and Security
- Future-Proofing Technology Investments
- Scalable AI Workflows

Risk reduction and Governance Benefits

- Standardised Access Control
- Audibility & Traceability
- Security Enhancements & Formal Mitigations
- Enhanced Compliance and Policy Enforcement

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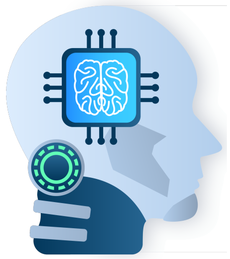

MCP: Implementation Strategy

Pre-Implementation Assessment

- Current AI infrastructure audit
- Identifying integration opportunities
- Stakeholder alignment strategies

Implementation Phases

- Phase 1: Pilot projects and proof of concept
- Phase 2: Department-level rollouts
- Phase 3: Enterprise-wide deployment

Team Structure and Skills

- Required technical capabilities
- Training needs assessment
- Vendor vs. in-house considerations

Risk Mitigation and Change Management

- Common pitfalls and solutions
- User adoption strategies
- Performance monitoring frameworks

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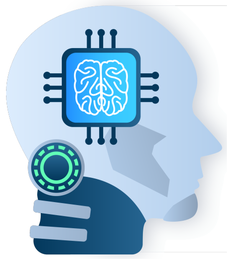

Governance, Security, and Future-Proofing Your MCP Investment

Governance Framework Design

- Access control and permission management
- Audit trails and compliance requirements
- Cross-departmental coordination protocols

Security and Risk Management

- Data protection in MCP environments
- Authentication and authorisation best practices
- Incident response procedures

Scaling and Evolution

- Performance optimisation strategies
- Adding new integrations and capabilities
- Staying current with MCP developments
- Building internal expertise and communities of practice

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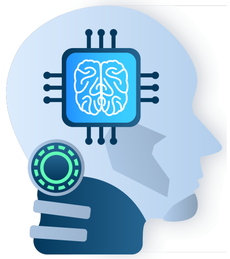

MCP Enterprise Adoption Blueprint: Strategic Value, Execution Plan, and Governance Framework

You are the Chief Technology Officer (CTO) of your organisation.

Design a complete framework for adopting Anthropic's Model Context Protocol (MCP) in your company.

The framework is developed for the various parts of the business including leadership, product management, technology and operations, and will cover strategic justification, implementation strategy, and governance/security measures. Showcase how MCP will create new value chains and business opportunities that traditional businesses cannot offer!

Create an elevator pitch version of your business case.

Create a Powerpoint presentation to pitch your framework to the board of directors in less than 10 minutes.