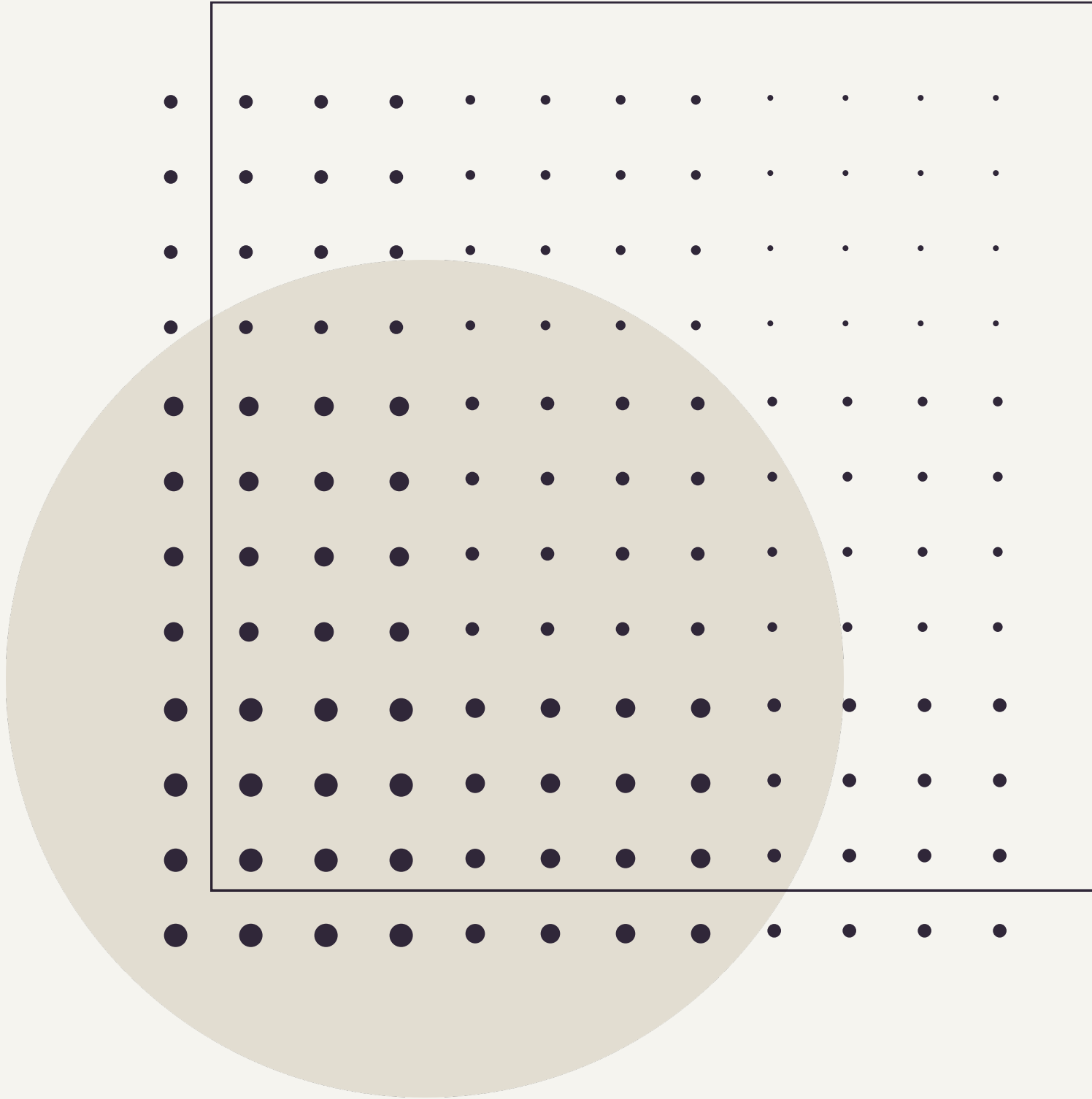


Critical
Services

Virtual CTO

If you're looking for a Chief Technology Officer to guide your tech strategy but think that a full-time position is not warranted, then our Virtual CTO service could be the answer. Get the advice, support and technological smarts of our super-talented team for a modest monthly investment



Virtual CTO service

Who's it for?

Smaller, growing software businesses that need experienced technology guidance on a small budget.

What's the challenge?

Experienced Chief Technology Officers are hard to find and expensive to hire. They're in high demand because the value they bring to your software business can be the difference between success and failure, between securing the next level of investment or not.

Many smaller SaaS businesses recognise this. They'd love to have a great CTO on board but the cost might be hard to justify – especially if a full-time CTO role is not warranted. The virtual CTO model is the solution. For a modest monthly investment, you can have the high-end expertise you need to help guide technology strategy and execution in support of business objectives.

What's the purpose?

Understand your current technology state, roadmap, assets, capabilities, business objectives and priorities

Validate what's good, identify the risks, define areas for improvement or realignment

Build a cohesive technical vision and a strategy to deliver it

Focus on prioritised business outcomes today and future-proof the business for tomorrow

Support, guide and advise across all aspects of technology and delivery practices

Keep options open until the last responsible moment to support business agility

More detail on the vCTO's contribution is covered later.

How does it work?

Every engagement is unique.
We collaborate to understand
and agree a vCTO Engagement
Plan that works for you

We appoint a vCTO you're happy
to work with as 'Principal'

We identify specialist experts in
the HYPR team to support the
Principal as required eg. SaaS
architecture, Test Automation,
technical practices etc.

The Principal and support team work to
establish a baseline understanding of your
situation, identify priorities and develop a
direction and roadmap for progress

The Principal is in regular contact to
monitor progress, provide decision
guidance and direction as necessary and
ensure that investment is returning value
within the overall plan

Regular reviews of the
Engagement Plan allow you
to flex or taper down your
vCTO's involvement over time

What's covered?

TECHNOLOGY LEADERSHIP

- Align technology strategy with business goals and resources
- Provide governance to ensure execution of strategy within budget

TECHNOLOGY AUDIT

- Assess and evaluate the existing technology stack, practices and direction
- Identify what's good, the areas of concern and highlight high-level risks

TECHNOLOGY ROADMAP

- Frame the direction of travel for technology and explore the fastest path to value
- Establish goals/waypoints/KPIs along the journey
- Advise on finding the right mix for feature delivery, reducing technical debt, bug fixes and addressing risk

CLOUD STRATEGY

- Advise on appropriate cloud architectures/representing Infrastructure as Code
- Ensure the ability to scale solutions to meet demand

TECHNOLOGY INTEGRATION

- Advise on integration of new software into the business
- Develop integration implementation plans in line with technology strategy

SOFTWARE DELIVERY PRACTICES

- Guide initiatives to improve technical and quality practices
- Guide initiatives to improve team practices (ways of working)
- Guide improvement of Continuous Integration (CI) and Continuous Delivery (CD)

VENDOR ANALYSIS

- Neutral evaluation of requirements and vendor proposals for new software and tools
- Provide governance for purchase (including negotiation advice)
- Provide guidance on how to minimise dependency on vendors and third-party software

SECURITY AND RESILIENCE

- Advise on processes and systems to maintain acceptable service levels
- Advise on architectures and technologies to ensure security and response to threats

METRICS AND DATA

- Advise on appropriate tools/dashboards to measure productivity and performance
- Advise on instrumentation and telemetry for software systems eg. products and in-house systems

Why should you trust our vCTO service?

As lead partner on Callaghan Innovation's Build for Speed (BfS) programme, we've worked with over 150 NZ SaaS startups. We're uniquely familiar with the technology and business challenges they face – so much so that we designed an Improvement Model specifically for the sector.

This Model helps NZ SaaS businesses understand the world-class technology standards they need to aspire to, standards written by the very people who could be your vCTO. Our [Improve Practices playbook](#) explores many of the practices we'd expect the best SaaS product businesses to be using.

Our team members not only work at the strategic level. They continuously work at the coal face, delivering code or Infrastructure as Code (IaC) on a regular basis. They are intimately familiar with the state of the software industry which allows them to stay ahead of the curve.

We're ready to help

We have a hugely experienced team that keeps fully up-to-date with a constantly-evolving digital landscape, giving you confidence that the vCTO support you receive is rock solid. If this sounds like the solution you've been looking for, let's talk about your specific requirements. To set up a conversation with one of our technical team...

HYPR

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