



# Digital Delivery Pods™

Build software that solves  
business problems in a  
fully iterative way.



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# Successful software development starts with a Pod.

## Tired of not driving the right results from your software delivery?

Research carried out by Geneca revealed that 75% of respondents admit that their software projects are either always or usually "doomed right from the start".

### Other key findings from this survey found:

- 80% of respondents spend at least half their time on rework
- 78% feel the business is usually or always out of sync with project requirement
- Only 23% state they are always in agreement when a project is truly done.

What's interesting about this data is that the difference between success and failure appears to be more heavily influenced by people and process rather than technology.

Whilst interesting, this shouldn't be too much of a surprise. Most ideas evolve into projects because they have caught the interest of a team or investor. People then drive these ideas forward believing that value will come from the investment.

The problem is being able to predict the ongoing intentions of the team or individual who gave the green light. Should they lose interest or stop seeing value, momentum and funding for your project will likely be pulled.

It is therefore the job of the development team to ensure engagement is maintained and the perceived value remains higher than the cost.

### Our recommendation?

Manage perceived value using a UX-driven approach.

The easiest way to do this is to introduce a **Digital Delivery Pod™** to your digital transformation. Keep reading to find out how...

# What is a Digital Delivery Pod™?

Digital Delivery Pods™ (AKA feature teams) give organisations the opportunity to build software that solves business problems in a fully agile, iterative way. Our multi-disciplined cross-functional delivery teams include UX and Business Analysts, to understand business problems and design solutions based on unlocking business value.

They do this by operating in sprints. Each sprint provides an opportunity to showcase and review progress ensuring optimal results from the engagement. Resource is also reviewed. This ensures the capabilities you need are introduced when you need them. Solutions are then designed and developed based on unlocking business value and reducing waste.

## Our Digital Delivery Pods™ are:

- Fully trained in test-first development approaches such as BDD and ATDD.
- Embedded DevOps Engineer to implement delivery pipelines, automatic environment provisioning and monitoring.
- (GCP / Azure / AWS).
- Suitable for greenfield or in-flight application development.
- UX and DevOps Engineers shared across delivery teams.
- Security by design features within all our Digital Delivery Pods™; ensuring security is incorporated into the application from the start.
- Flexible in their resource profile so you have the exact team you need at any one time. This means the UX and DevOps engineering capabilities can be split across multiple delivery teams.

In short, Digital Delivery Pods™ are ideal for the modern business looking to deliver products while continually eliminating waste through the development process.



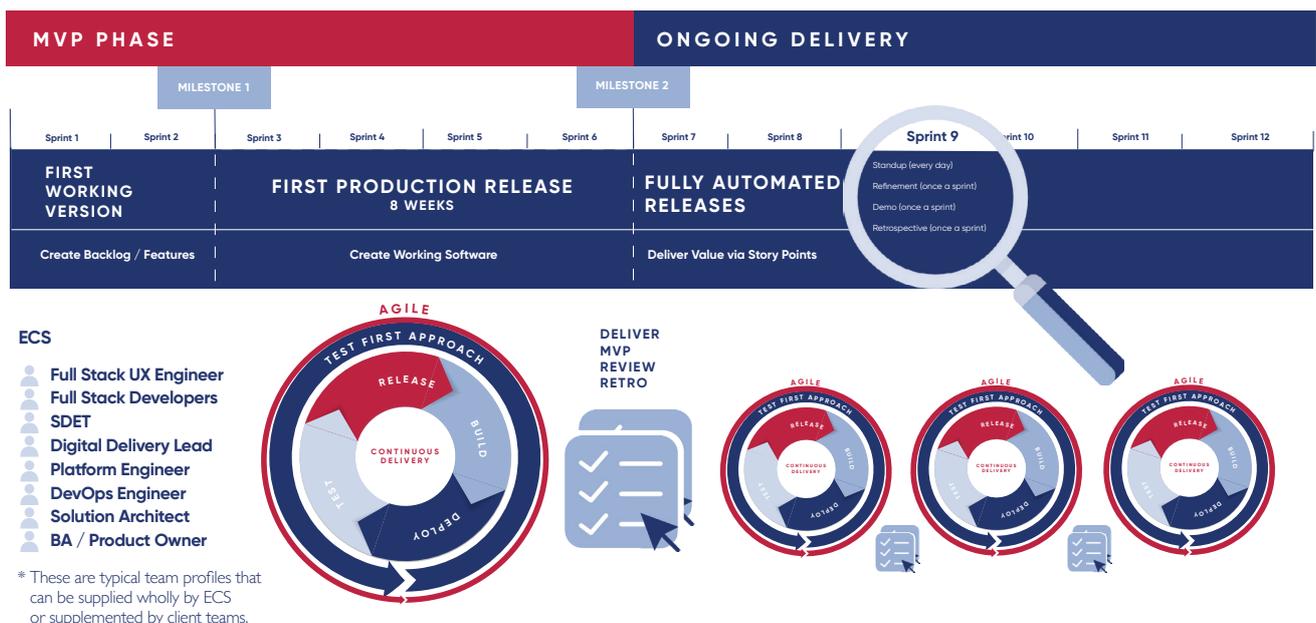
# Example Digital Delivery Pod™ team structure.



# How does a Digital Delivery Pod™ work?

Our Digital Delivery Pods™ are capable of working on greenfield projects by scoping out MVPs with the client. They can also progress or rejuvenate in-flight applications, scoping out handover activities with the client and current development teams.

Once MVPs have been established, our fixed price, outcome-based engagement is bound to the creation of a backlog (milestone one) and the delivery of the initial backlog / MVP (milestone two). Ongoing delivery and commercial milestones are based on story point velocity defined during milestones one and two.



Engagements start with a discovery phase where an initial MVP backlog will be defined (or handover if in-flight application).

The team will work through the backlog, implementing features via a scrum-based, hybrid delivery model. This model is bolstered by a UX-design that ensures stakeholders are continually involved and invested during development iterations.

# Why are Digital Delivery Pods™ right for my business?

## Designed with you in mind

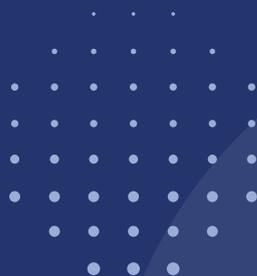
Whether you are developing a greenfield project or building additional functionality to an in-flight application project, Digital Delivery Pods™ can help.

**Greenfield Projects** – our Pod team works alongside your internal teams, scoping out MVPs to ensure UX-design and DevOps mindset is built into the development lifecycle. This encourages continuous improvement, iterative software development and improved forecasts for releases.

**In-flight application** – together, we scope out handover activities with stakeholders and existing development teams. We review the existing infrastructure and look to reengineer or rebuild based on a UX-driven, test-first development approach such as BDD and ATDD.

## Smart. Secure. Streamlined.

Process and engineering practices work in synergy to deliver products with security considerations built earlier into the development cycle. Our automated methods also continually eliminate waste through the development process, removing unnecessary headaches and security risks within the projects.



# True business value starts here.

Since our first Digital Delivery Pod™ engagement, we have achieved the following results:

- Delivered MVP within three months – two months earlier than any other project on the program of work,
- Successfully delivered the integration with third party APIs. This was the first-time internal APIs could communicate two-way with external APIs across all projects within the department,
- Engineering practices enabled new features to be deployed onto production within 10 minutes from inception,
- Implemented first ever 24 hours support model for the department, leveraging alerting and monitoring features of the Azure platform,
- Delivered key milestones within seven weeks of requirement conception, enabling end-users and stakeholders to visualise data in an entirely new way in a key business event.

And we can achieve something similar for you.



# The ECS way.

**ECS is an experienced DevOps consultancy, enabling digital transformation since 2003. We do this by adopting a Pod-based methodology that provides three benefits in one: the rapid upskilling of existing teams, accelerated release cycles and more meaningful innovation.**

This unique engineering capability is underpinned by a heritage of DevOps and QA which enables us to empower development teams in their efforts to deliver the right thing (BDD / ATDD), frequently (CD) and with confidence (CT / CI). Wanting to build on this background, we explored different ways to evolve our software engineering offering in a way that encompassed our QA and DevOps knowledge.

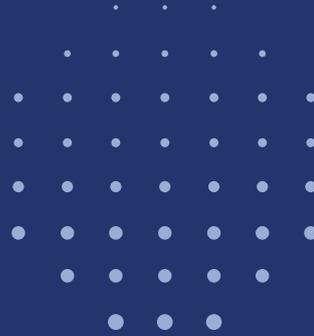
Our Digital Delivery Pods™ was the result of this effort and today serves as a fit-for-purpose feature team that encompasses all our strengths to provide you with the most valuable solution possible.

## **We also specialise in:**

- **Digital Transformation**
- **Bespoke software development**
- **DevOps & Continuous Delivery**
- **Cloud Strategy & Architecture**
- **Containerisation**
- **Agile, BDD / ATDD**
- **Testing Automation**
- **DevOps training**
- **Application Development**



# Let's achieve true DevOps transformation together.



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DevOps consultancy?

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