



Lydtech Consulting Limited

Software Development and Delivery Services
Service Definition Document

G-Cloud 15
Cloud Support

About Us

Who Are We

Lydtech Consulting are a private company run by the original founders. The motivation behind the company creation was simple, we like working together, and we work better together. As Lydtech has grown we have remained faithful to this founding principle.

As software engineering services company with our strong cross-disciplined team of experts we help our clients identify their real need and guide them to the best outcome. We help with all stages of a service solution from gathering client requirements, implementation, to continuous delivery and support for live systems.

What We Do

Lydtech have extensive experience in the design, implementation and delivery of scalable and robust software systems, having delivered for both the public and private sectors in domains such as finance, healthcare and defence.

- Digital transformation
- Cloud migration
- Event driven architectures
- Quality driven development

Services Definition

Approach

The Lydtech team have extensive experience in successfully delivering software engineering services. We achieve this by applying industry best practices, but not blindly. To have an effective positive impact, you must also listen to the client, and adapting the approach as required.

Lydtech are skilled in the creation of modern, secure, highly-available and highly-performant platform technologies in environments in which service predictability and data guarantees are essential. Our teams bring the skills to help you create these services.

We are happy to work either standalone or as an embedded component of a client's own engineering and delivery teams.

Agile

We are an agile team preferring a flow based approach to progressing work items. Using DevOps techniques we deliver frequently, and aim to add value with each delivery. We are not prescriptive in how we work and are happy to adopt the practices and policies in place at the client if that is the preferred mode of operation.

Client engagement

Engagement with the client staff during the entire process is our preferred approach. This collaboration model has proven to be beneficial, not only to ourselves benefitting from employee insight, but also of benefit to the client due to the dissemination of system knowledge and working practices.

Augmented teams

Augmentation with client engineers. This keeps our team aligned with and aware of company standards and processes, but equally importantly the augmentation becomes a natural means of knowledge transfer meaning the internal team is able to support the delivered services once the engagement has completed.

Knowledge sharing & Education

We also provide educational sessions to bring the clients team up to speed with technologies and approaches, so as to increase the capabilities of the clients engineers, whilst ensuring that once a project is completed and the handover is complete, that your engineers are in the best position to use the project as a solid foundation for future extensions.

Off boarding & Handover

An often overlooked success criteria for a project is the handover upon completion. With our use of augmented teams, knowledge sharing and education efforts, amongst others, Lydtech will execute a graceful retreat when it is time to hand over the project and ensure that the client is able to support the new service.

Multidisciplinary cohesive teams

Lydtech provides teams that have worked together previously, this means a cohesive unit that is effective upon landing. These self managing teams greatly reduces the management burden on the client. A team includes all the disciplines required to deliver the desired outcomes. Lydtech are not averse to pulling in external resources to plug any gaps in understanding and capability, believing that working with the wider team and partners is beneficial to project success.

Agile and User-Centred

Agile techniques are core to our project approach, we have experience in the many variations of agile delivery, and are happy to adopt the clients process. We embrace the agile principles of

continuous improvement and frequent validation, as such we will also look to engage with the client when possible so as to validate the shape a solution is taking.

Communication

Good communication is essential. Throughout a project we maintain close relations with the Product team to resolve issues, regularly demonstrate progress, and provide high levels of visibility.

Delivery Approach

Discovery - Client and user engagement for requirement capture. This includes the use of discussion, application of Agile techniques such as User Story Mapping, to determine both the client need and an initial guide for iterative delivery. Use of visual workflows, and story maps during this phase help to establish clear requirements

Delivery - An Alpha/Beta phase consisting of POC initiatives, tracer bullet developments combined with client engagement. Ensuring everything is achievable and in place before a the build out

Build - An iterative build, review, release cycle in which the live service is frequently enhanced with new functionality, whilst remaining available for the user.

Security

Having worked in the finance, health, and government domains Lydtech are well versed in the handling and protection of data. Security is and always will be a first class consideration in any project we undertake and will be an inclusion from day one.

Measurement and metrics

Project and organisation aligned KPIs alongside service analytics are essential to project validation and on going improvement. We use enterprise-grade monitoring and observability tools for software services enabling early detection of performance degradation, which in turn facilitates high levels of availability for critical services.

Summary of Service Features

- Agile development and delivery methodologies
- Bespoke software development
- Digital transformation
- Application of proven and maintainable technologies

- Event driven and Enterprise architectures
- Messaging technologies expertise
- Education and knowledge sharing
- Analysis, implementation, and delivery of software services
- Constructive engagement derived from industry experience

Summary of Service Benefits

- Reduced management overhead
- Support architecture growth with scalable technology
- Use of proven and established technologies providing maintainability
- Educated team
- Lower total cost of ownership
- Faster time to value
- Reduced project risk
- Application of Industry best practice approach

Pricing

We are available for procurement through either Fixed Price or Time & Materials arrangements. Please refer to our SFIA price card for further details.

CONTACTS

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