

Cloud DevOps

Service Definition, April 2024

Service Summary

Burendo's Cloud DevOps service transforms software delivery to achieve critical implementation objectives. Whether facilitating Cloud DevOps adoption, or enhancing current DevOps maturity practices, consultants use our Blended Agile Delivery (BAD) toolkit to embed CI/CD, continuous release practices, automated testing and continuous monitoring. This reduces costs while enhancing security and compliance.

Service Overview

Our specialist consultants will work with you to embed a deep organisational understanding of DevOps and its far-reaching benefits. We'll lay the groundwork for successful roll-out of DevOps Cloud delivery practices, engaging key stakeholders to achieve the requisite cultural transformation and overcome any obstacles that present. From there, we'll establish and implement effective processes, practices and tooling that support your DevOps implementation.

By aligning evolving delivery practices to your business needs we'll help you achieve consistently rapid and reliable software delivery, resolving challenges to accelerate delivery, manage cost and security, and secure your product launch. Our proven approach ensures changes are consistent, collaborative and have a lasting impact.

We focus on:

Continuous integration and delivery (CI/CD)

- Monitoring deployment to find and fix bugs quickly and streamline time-to-market.
- Application of configuration management tools to create innovative cloud-based solutions and ensure seamless integration within your existing products.

Testing automation

- Comprehensive feature testing across the entire QA process, including UI tests, integration, security and performance tests.
- We perform testing across a broad range of devices, browsers, and platforms.

Environment management

- Management of code and automating all software development processes.

Infrastructure monitoring

- Control of the parameters of data centres, networks, hardware, and software data critical for business using application monitoring tools and processes to ensure continuous software inspection.

Service Overview (continued)

Configuration management

- Ensuring the best-fit configuration of environments, increasing the agility of your processes, and facilitating scalability of your applications.
- Integration of new software into your existing infrastructure.

Platform as a Service (PaaS)

- Customisation and build of applications, ensuring integration with your cloud environment.

Infrastructure as code (IaC)

- Using DevOps methodology to deploy various types of infrastructure such as virtual machines, connection topologies, networks, etc.

Cloud management

- Continuous improvement of your cloud platforms' scalability and enhancement of business processes.
- State-of-the-art features and tools that will be useful throughout the whole process of product development and deployment.

Site reliability engineering

- Development of robust and highly scalable software or websites.
- Bringing together operations staff and software engineering as a single unit during the software development process. Continuous integration and delivery (CI/CD)

Features

- Focus on continuous assessment, client ownership, automation, security and compliance
- Harnessing cloud-native technologies and services to achieve consistency
- Consistent GDS-compliant approach across new and existing DevOps implementations
- Independent DevOps impact and maturity assessments identifying opportunities and priorities
- Advice and support to roll-out DevOps methodology, tooling and architecture
- Proven stakeholder engagement and culture change programmes
- Creation of DevOps workflows, governance, change and release management practices
- Expert DevOps design, implementation and delivery
- Supply of DevOps specialist leadership and delivery resources/squads
- DevOps coaching and mentoring for your internal teams

Benefits

- Immediate access to DevOps specialists/practitioners to enable rapid scaling
- Platform/tool agnostic recommendations ensuring best fit for your organisation
- Optimal use of cloud technology to drive your sustainability agenda
- Training/knowledge transfer to embed DevOps principles and enhance internal capabilities
- Responsive, innovative software development with faster release cycles
- Streamlined software delivery processes achieved combining culture, practice, and tools.
- Improved collaboration driving consistency and impact longevity for software changes
- Enhanced digital security and compliance
- Access to our Blended Agile Delivery (BAD) toolkit
- Increased revenues and cost reductions driven by DevOps efficiencies

On-boarding Process

Burendo offers a tailored approach to ensure we're a great fit for your organisation. Through Discovery, we'll cement our understanding of your challenges, objectives and existing workflows to provide solid grounds for an unambiguous Statement of Work and associated delivery plans. We'll work with you to agree start dates, resourcing, security clearance requirements, system and building access, and training. Our Head of Delivery will guide you through this process.

Off-boarding Process

During on-boarding we'll agree a tailored time-lined off-boarding plan that prioritises quality and delivers long-term product stability. Whether we're handing the reins to your internal team or another supplier, you can be assured of our professionalism and commitment to agreed milestones and final deliverables including comprehensive product guides, training and handovers.

Service Management Details

At Burendo, we believe in supporting and working in partnership with our clients. We'll pair you with a dedicated, subject specialist Delivery Lead. Embedded in your organisation and day-to-day delivery, they'll apply their deep understanding of both to every collaboration and conversation to achieve high-impact products and value. Your Burendo Delivery Lead will be accountable for team performance, quality and keeping your works on track. They'll be your primary point of contact and highly visible and accessible for the duration of our engagement. Additional support, oversight and expertise will be provided by our Client Development Leads and Head of Delivery.

Service Levels

Service levels and KPIs are aligned to the deliverables of each contract to ensure quality measures are relevant and meaningful. We'll discuss and agree service levels, metrics and reporting requirements with you during discovery. Our DevOps mindset ensures potential issues are identified early and addressed early such that quality is never compromised. Where our engagement includes product support, you can select a bronze, silver, gold or platinum service support depending on your requirements and the platform or application's criticality.

Burendo will provide regular service reviews with the customer to ensure the quality of all agreed deliverables.

Issue Resolution

We're client-centric and committed to ensuring we're on the right path together. Our transparency underpins a 'no surprises' philosophy and a collaborative approach to identifying and fixing issues early. In addition to regularly scheduled milestone reviews, expect ongoing opportunities to provide feedback, real-time communication throughout delivery, and a receptive response if issues do occur. Your first port of call will be your dedicated Burendo Account Lead. Embedded in both delivery and your organisation, they're ideally placed to pragmatically resolve challenges with you. A clear path of escalation to our Client Delivery Leads and Head of Delivery will provide additional peace of mind and access to wider expertise.

Training

Our goal is to educate, tool and empower your teams to effectively take forward the products and solutions we deliver, even after our exit. You'll find Burendo consultants eager to share their insights

and knowledge to your advantage. We build long lasting capability, knowledge and skills amongst your people by tailoring our training content and approach to your specific requirements and teams' learning preferences. Training may take the form of:

- Knowledge transfer workshops
- Shadowing and reverse shadowing
- Pair programming
- Coaching

We'll supply comprehensive solution documentation and troubleshooting guides to support independent learning; and welcome your adoption and adaptation of any of our open-source tools and techniques.

Client Responsibilities

Ensuring you get real value from our services is our highest priority. The best and most sustainable outcomes stem from true collaboration, client team buy-in and openness to ideas on all sides. Burendo is expert in facilitating both.

The optimal level of client contribution varies from engagement to engagement depending on your needs, but broadly you can expect to be asked to:

- share organisational knowledge and context,
- ensure appropriate system access,
- review plans and proposals,
- participate in user research, and
- support user acceptance testing.

We'll make it clear in our proposals what's expected of your team in addition to adhering to the agreed terms and conditions.

Termination Terms

We expect termination to be in line with the conditions set out in the G-Cloud 15 Lots 1-3 Framework Contract and associated Call Off Contract.

About Burendo

Headquartered in Leeds, Burendo is a product delivery and technology consultancy that helps organisations build more adaptable, innovative capabilities to optimise IT investment and to deliver the highest possible value.

Burendo has the unique ability to meet clients where they are and thrives on leading the delivery of products and IT services leveraging Lean, Agile, DevOps and Cloud technologies to deliver great products and long lasting, sustainable change. Our capabilities, skillsets and range of products and services are designed to deliver end-to-end solutions for our customers.

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Our capabilities



Product Strategy & Design

Creating brilliant products that users love, and businesses thrive on



Product Delivery

Helping you bring product & services from concept, into the hands of your customers



Product Engineering

Helping you accelerate the delivery of amazing technology-based products & services



Product Operation & Evolution

Helping you maintain and develop your products & services, reducing risk & cost and maximising value to your users and your business

Our capabilities



Product Strategy & Design

Burendo's Product Strategy and Design capability helps our customers to deliver the right products and services, at the right time, to the right customers. Whether this be building the most effective Product Strategy or Designing the most intuitive products that people love, Burendo can support you.

Product Strategy and Design brings together "Big Picture" thinking with a keen focus on your customers and business objectives, turning bright ideas into real-life products and services that delight. Building products and services that drive user satisfaction and loyalty, enhance your brand's reputation, whilst adding to your business' performance.

Example Services*

- Business Strategy with VMOST
- Strategy Planning and Road Mapping
- Rapid / Lean Discovery and Inception
- Analysis and Design
- User Research
- User Experience Design
- Service Design



Product Delivery

Burendo helps you bring products and services from initial concept, into the hands of your customers.

Burendo's Product Delivery capability supports our customers in every step of the journey from ideation and design, into development, testing and deployment, incorporating fast feedback loops to support continuous improvement.

Our goal is to deliver high-quality products and services for our customers and their users. Building on core Lean, Agile, DevOps principles, we believe in building repeatable delivery capabilities that accelerate the path from concept to live.

Example Services*

- Delivery Rescue
- Delivery Squads
- Project to Product Transformation
- Delivery Coaching, Training and Hands-On Support
- Product Leadership
- Delivery Leadership



Product Engineering

Our engineering capability adapts to your environment, challenges, and people. We believe that, whilst we see a lot of common problems, each customer is unique and the solutions to their challenges are equally unique.

We leverage best-practice Lean, Agile, DevOps and Cloud tools, techniques and technologies to deliver scalable products and services using a pragmatic and flexible approach, whilst building long-lasting technology capabilities for our customers.

Example Services*

- Engineering Squads
- Full-Stack Engineering
- Data Engineering
- DevOps Adoption and Migration
- Cloud Adoption and Migration
- Cloud Architecture
- Cloud Optimisation and FinOps



Product Operation & Evolution

Our capabilities build on Lean, Agile, DevOps principles, along-side industry best-practice frameworks like ITIL to design, deliver, operate, and control your products and services.

Our core focus is to maximise customer value, deliver continuous improvement, collaborate effectively with stakeholders and enable technologies to automate, improve efficiencies and gain insights.

Our goal is to increase customer satisfaction, improve productivity, reduce risks and errors and enhance business agility whilst supporting you to make data-driven decisions.

Example Services*

- Product automation, monitoring and improvement
- Product issue response and resolution
- Product measurement and improvement
- Product optimisation, innovation and modernisation

* Whilst not comprehensive lists, these are some of the services we have delivered for our customers



Who we are

Everything we do is underpinned by our core values.



A pragmatic attitude to delivery

We do not believe that one size fits all, but rather each customer is different, and our services need to adapt, reflecting those differences to deliver the best possible solutions and outcomes.



Make great things happen

First and foremost our goal is to deliver tangible outcomes for our customers. Rapidly providing real value.



People showing they care

Our consultants are deeply customer-centric, ensuring that we go on the right journey together.



Share what we learn

Our goal is to leave each customer in a better position than when we were first engaged. To build long lasting capability, knowledge and skills.

We work with our customers as partners to deliver great products and services. Working collaboratively to ensure we don't just talk the talk, we deliver.

Together, it's possible



Who we work with



Healthcare

Simplifying healthcare tech and services to improve patient care.



Government

Making it easier for government agencies to increase productivity and achieve better results for the public.



Financial Services

Guiding financial institutions towards sustainable and competitive transformation.



Legal

Enabling legal firms to adopt a client-centric approach.



Betting and Gaming

Using our expertise to support the best in the business, delivering products and services to transform your goals into reality.



Retail

The retail industry is facing a major change. Customers have more choices than ever before, and they expect better deals, quicker services and easier ways to shop.