Make the complex easy with **Contain Managed Application Platform**

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Introduction

Handling DevOps tools and Kubernetes for your Cloud Native applications can be difficult and time consuming, especially when the business grows. It requires dedicated and skilled ressources.

By managing the complexity on your behalf, we empower your development teams to accelerate the building, running, and deployment of Cloud Native applications with increased speed, safety, and automation.

Don't burden developers with maintenance

With Contain, you can outsource the maintenance and updating of your Kubernetes environment. We handle tasks such as monitoring, trouble-shooting, upgrades, security, compliance, and setting up automation and scaling mechanisms. If managed internally, these tasks demand recruiting a number of highly skilled specialists, which is a challenge in a talent-scarce field.

24/7 monitoring is a resource-intensive task, but necessary to ensure optimal uptime and identify potential issues.

With Contain Managed Application Platform as-a-Service, we offer to take responsibility for these tasks to the extent you need. You can avoid the need for scarce talent and reduce the risk of reliance on a few specialists.

Employees you need in-house to develop on a:

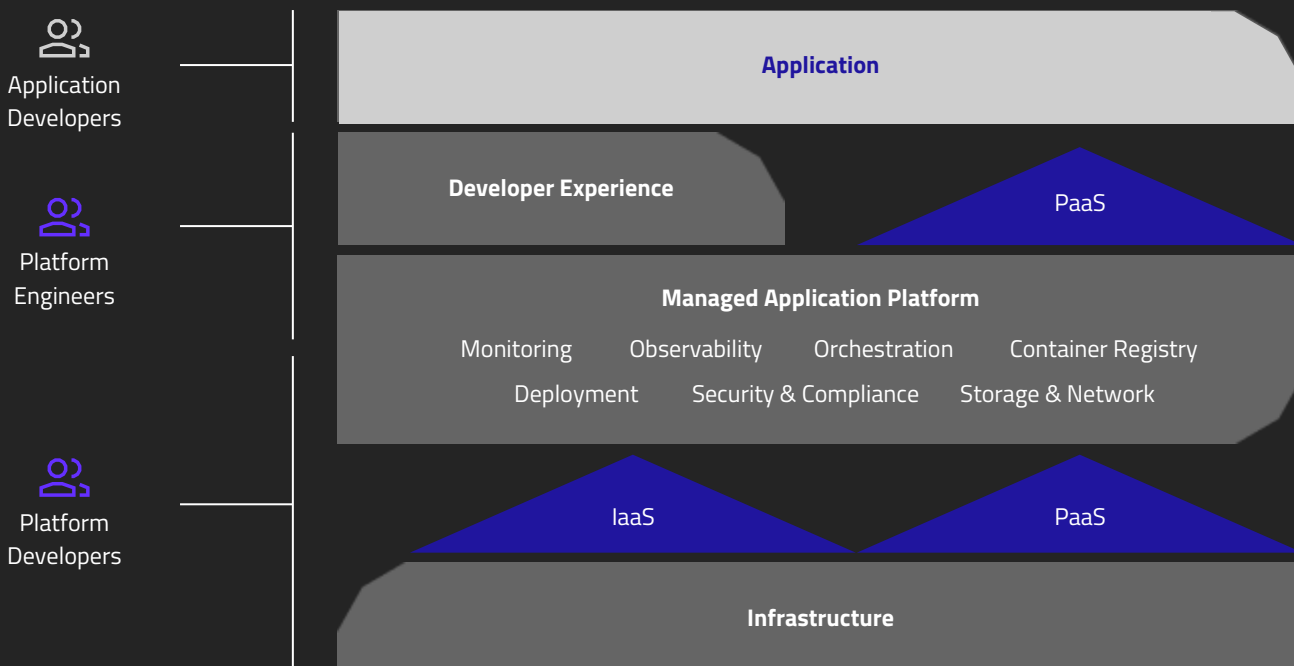Managed Application Platform

Managed Kubernetes

Self-built Kubernetes

What is Contain?

Contain Managed Application Platform powered by Kubernetes offers a suite of tools, services, and platform engineering designed to accelerate Cloud Native application development.

We handle the complexities of managing the underlying infrastructure and platform, providing your developers with a seamless and user-friendly experience.

Contain Managed Application Platform

Application Developers

Platform Engineers

Platform Developers

Application

Developer Experience

PaaS

Managed Application Platform

Monitoring   Observability   Orchestration   Container Registry

Deployment   Security & Compliance   Storage & Network

IaaS

PaaS

Infrastructure

What is included?

Platform
Subscription based managed services.

Tool stack
Maintenance of curated tooling from the CNCF-landscape.

Infrastructure
Cloud agnostic. Private, public, or hybrid cloud solutions or on-premises options.

Consultancy
Comprehensive onboarding and ongoing advisory from experts.

Security
Expertise in ISO, NIS2, and DORA for continuous protection of your applications and data.

Why Contain?

Contain is designed to expedite your development, all while handling the complexities of managing the underlying infrastructure.

Accelerate delivery times
Automate your platform and infrastructure deployments using everything-as-code.

Optimize developer productivity
Minimize friction between Devs and Ops, empowering you to concentrate on business value.

Reduce cognitive load
Streamline the complex developer landscape by implementing an automated set up.

Address the challenge of talent scarcity
Tackle the recruitment obstacles associated with sourcing rare Cloud Native talent, and minimize dependence on individual employees with specialized knowledge.

Platform

Subscription based managed services that fits your company's needs.

Managed services offerings

Monitoring & Observability

We monitor and maintain the state of your environment **24/7** from infrastructure to platform and all the way up to your applications.

Orchestration

We help you go from automation to orchestration and **streamline your workflow** and processes without human intervention.

Deployment

With a **GitOps approach**, we manage infrastructure and application configuration. We have extensive experience in building GitOps solutions that leverage the developer's experience and empower teams to optimize processes.

Container registry

Our **fully managed** container registry streamlines the delivery of Cloud Native applications and provides a centralized place for secure image sharing.

Security & Compliance

At Netic, security and compliance are top priorities. Our **ISO/IEC 27001:2022** certification ensures that you can expect the highest standards in documentation, cyber security, and risk management, among other areas.
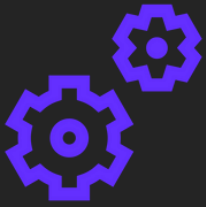
A scaleable solution

As a PaaS provider, we handle management and operations to the extent that suits your company's needs.
With our subscription-based services, you can scale up as your business grows.

- We take full **responsibility**
- We **integrate** with your tools of choice
- The billing model is **flexible**
- **Additional services** can be purchased

Tool Stack

Curated tooling from the Cloud Native Computing Foundation (CNCF)

With the tool stack, you get:

- Market leading open-source based tools from the CNCF landscape
- No vendor lock-in
- Upgrades and maintenance
- GitOps configuration

The Cloud Native landscape of tools can be overwhelming.

We assemble the best tool stack and handle maintenance for you.

Maintenance of the tool stack

With the curated tool stack from the CNCF landscape, you can rest assured that your applications run on a tested, integrated, and updated landscape. The tools are continuously evaluated and replaced to ensure the most optimal stack. Evaluation is based on the team's participation in Cloud Native forums, the use of tech radars, knowledge sharing, and customer inputs from the Contain community.

Curated tooling

Below is a selection of the cluster runtime components in Contain

Deployment & Continuous Delivery
Based on gitops principles implemented with Flux.

Observability
Telemetry data is collected from all clusters to support operations and more. The observability stack consists of a mix of tools.

Ingress
By default cluster ingress traffic is handled by Contour - it may be Istio for clusters with service mesh added.

DNS management
It is possible to handle DNS management as part of deployments through External DNS.

Certificate handling
Automated certificate issuing is handled through Cert-Manager.

Policy enforcement
Policy enforcement is handled through Open Policy Agent/Gatekeeper.

Secrets management
Secrets are managed with their own lifecycle by having those synchronised into the cluster through External Secrets.

Please note that the tools may change, because we constantly evaluate and optimise the tool stack.

Infrastructure

Contain is cloud agnostic and compatible with private, public, or hybrid cloud solutions. We also support on-premises options.

Your choice of provider

Public cloud
Azure, AWS, or GCP

Netic cloud
Shared or private cloud

On-premises
Data center

No vendor lock-in
We support hybrid cloud

Combine a mix of on-premises infrastructure, private cloud services, and public cloud services of your choice to achieve a greater flexibility, scalability, and no vendor lock-in.

Operations in Netic's Danish data centres

Netic offers solutions across our data centres located in Denmark. All data centres host data with extremely high requirements for security, reliability and availability.

Netic is certified with *ISO/EIC 27001:2022*, and has years of hosting and operations experience working with some of Denmark's largest companies, including those in the healthcare and financial sectors.

Consultancy

Comprehensive onboarding and ongoing advisory from our Kubernetes experts.

How we help

1

Enablement
- Workshops about Kubernetes
- Customised training sessions

2

Readiness
- Consultations with focus on Kubernetes architecture
- Best practices guide

3

Onboarding
- Tailored onboarding program for developers
- Access to Contain knowledge base website

4

Ongoing advisory
- Technical support
- Proactive advisory
- Updates on relevant new trends and functions

A reliable partner
in a complex field

At Netic, we have a team of specialists ready to be your close partner in implementing and operating your applications in Kubernetes. We have extensive experience in successfully onboarding larger Danish companies, and we lead the way in ensuring a smooth implementation and migration, followed by ongoing operation.

Contain is the right choice for you if you prioritise high professionalism and a close partnership with high expertise.
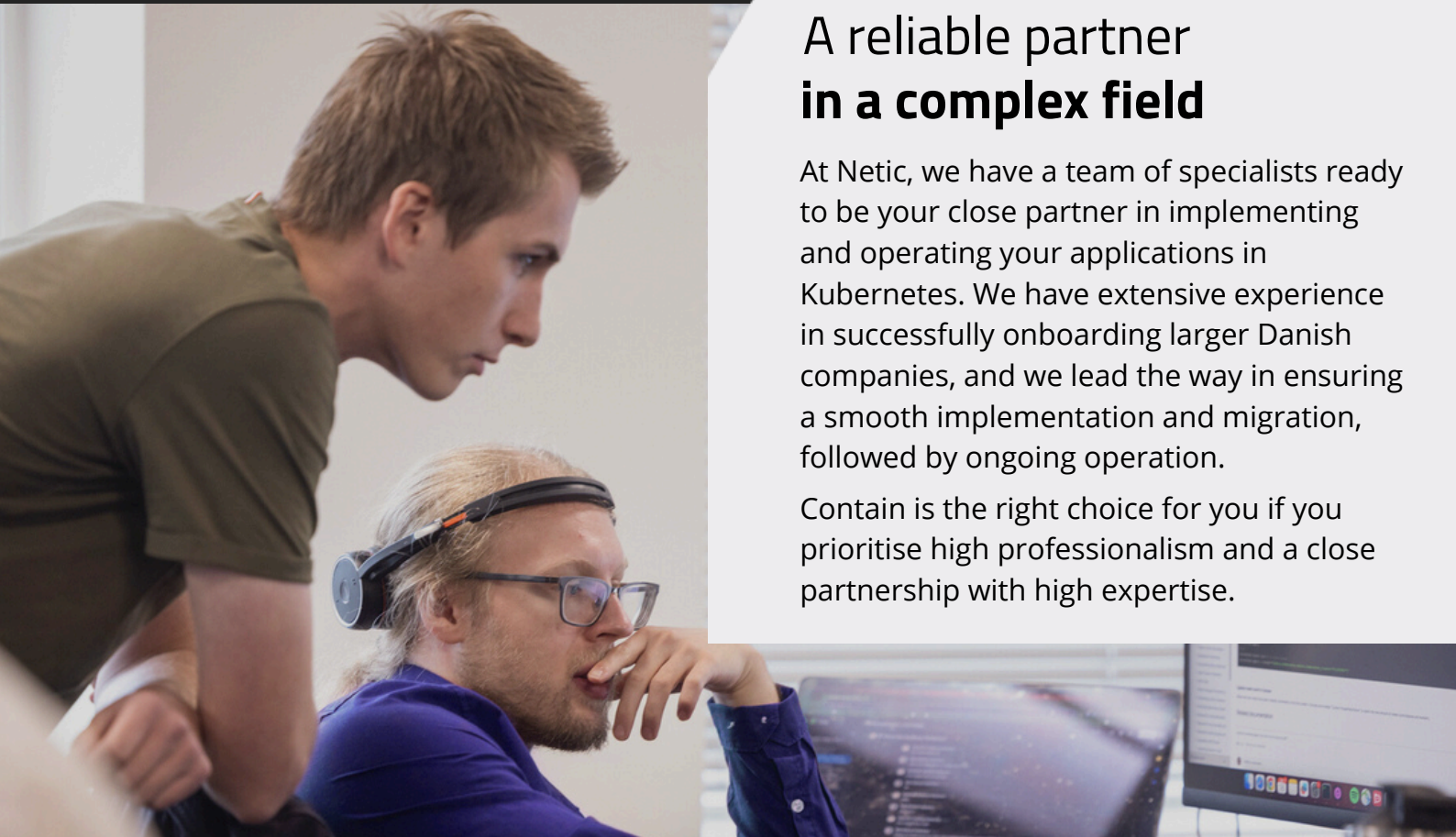
Security

Essential expertise in ISO, NIS2, and DORA for continuous protection of your applications and data.

The core of Netic's services and operation

Advanced security monitoring and incident response
- Operations Command Centre (OCC)

Certifications and audits
- Annual ISAE 3402 Type II and ISAE 3000 audits
- ISO 27001 certified

Security technologies and tools
- E.g. SBOM (Software Bill of Materials), GoSign and Admission Controllers

Resilience and risk management
- Danish data centers combined with redundant zones

Expertise and governance
- A team of Kubernetes Certified Administrators (CKA)

Our commitment is your security

We are dedicated to providing a secure and reliable platform for your applications. Our security experts stay up-to-date on the latest threats and best practices to ensure the best protection of your digital assets.

ISO 27001 - A solid foundation for security

NIS2 - Ensuring cyber security in a connected world

DORA - Financial sector resilience

Summary

Contain Managed Application Platform powered by Kubernetes is designed to accelerate Cloud Native application development.

We handle the complexities of building and managing the underlying platform and infrastructure, providing your developers with a seamless and intuitive developer experience.

Your developers	Application
Contain platform team	Managed Application Platform
	Infrastructure
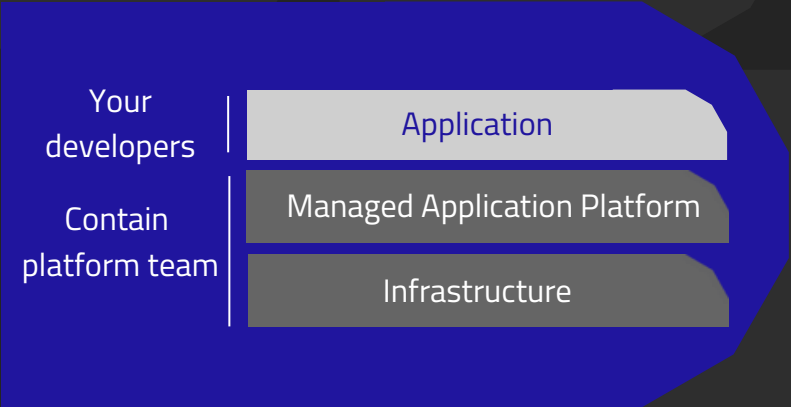
The Contain team at Netic
Your operating partner

- Team of specialists
- +10 years of expertise
- Mission critical service
- ISO/EIC 27001:2022
- Danish data centres

Why Contain

- 70% cost reduction
- Reduce cognitive load
- Address the challenge of talent scarcity
- Optimise developer productivity
- 24/7 operations
- Cloud agnostic

Contain services

Platform
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How to get started

Identifying your needs and requirements
Based on your overall application landscape and services, we define the model and level that suits you.

Building and implementing
We develop a complete architecture for containerising your applications and build the new setup based on Contain Managed Application Platform.

Onboarding and support
We assist in setting up pipelines and help your developers get started with deployment processes on the Application Platform. We continue to provide ongoing support and follow up on your operations, even as you progress.

Management and configuration
Our experienced Cloud Native team handles the daily operations and monitors your container setup 24/7. We take care of monitoring and updates continuously, ensuring the highest level of security and governance readiness.

Contact us

The team behind Contain by Netic is ready to advise you and your company on Kubernetes, Cloud Native development, and infrastructure.

We have over 10 years of experience in the cloud domain for companies with critical IT. Data security is our top priority. If you are interested in learning more about our services or have any questions, please feel free to reach out to us.

contact@contain.dk
+45 77770808

contain.dk

Contain
by netic