Hybrid by Design

- En strategisk vej til AI og agil drift

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When the business model is disrupted

“Digital transformation is turning manual, office-based municipal services into seamless, citizen-centric digital services”

What if public services could be as easy as online shopping

When Disruption Strikes, Everything Changes

Infrastructure	→	Cloud Services
IT Agility	→	Business Agility
Information	→	Innovation

From What Was to What’s Next

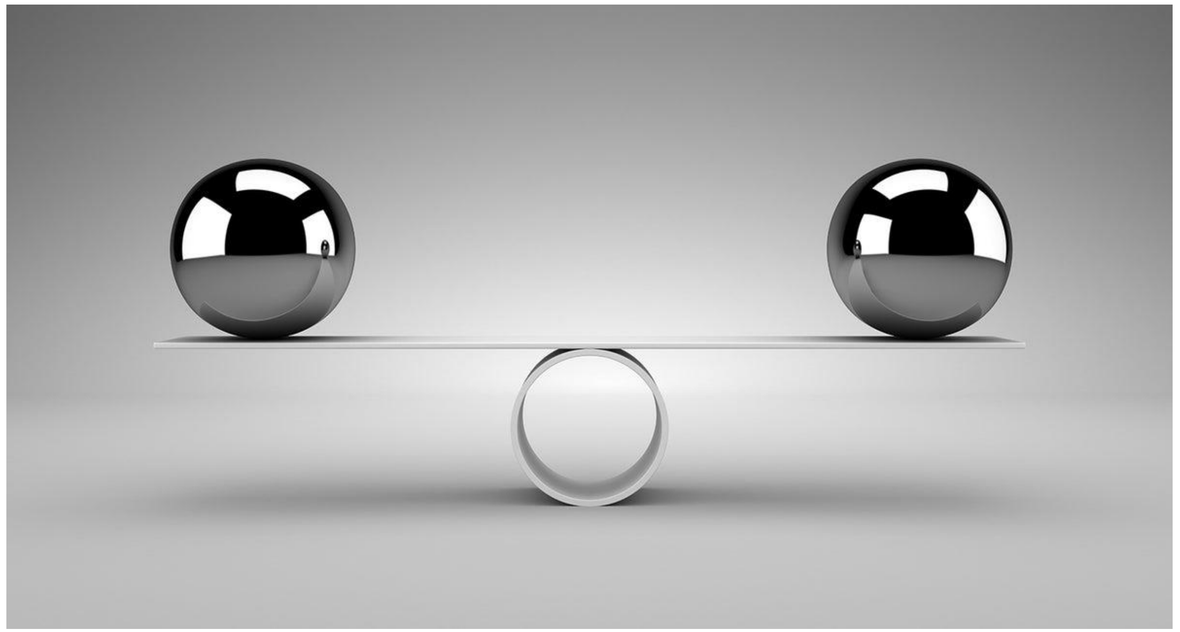
Learning from Case Studies

Masking services

Freedom of the Press Act

End goal:

- Eliminate Personally Identifiable Information (PII)
- Streamline the document assessment processes
- Reduce processing time, improve accuracy, and ensure regulatory compliance



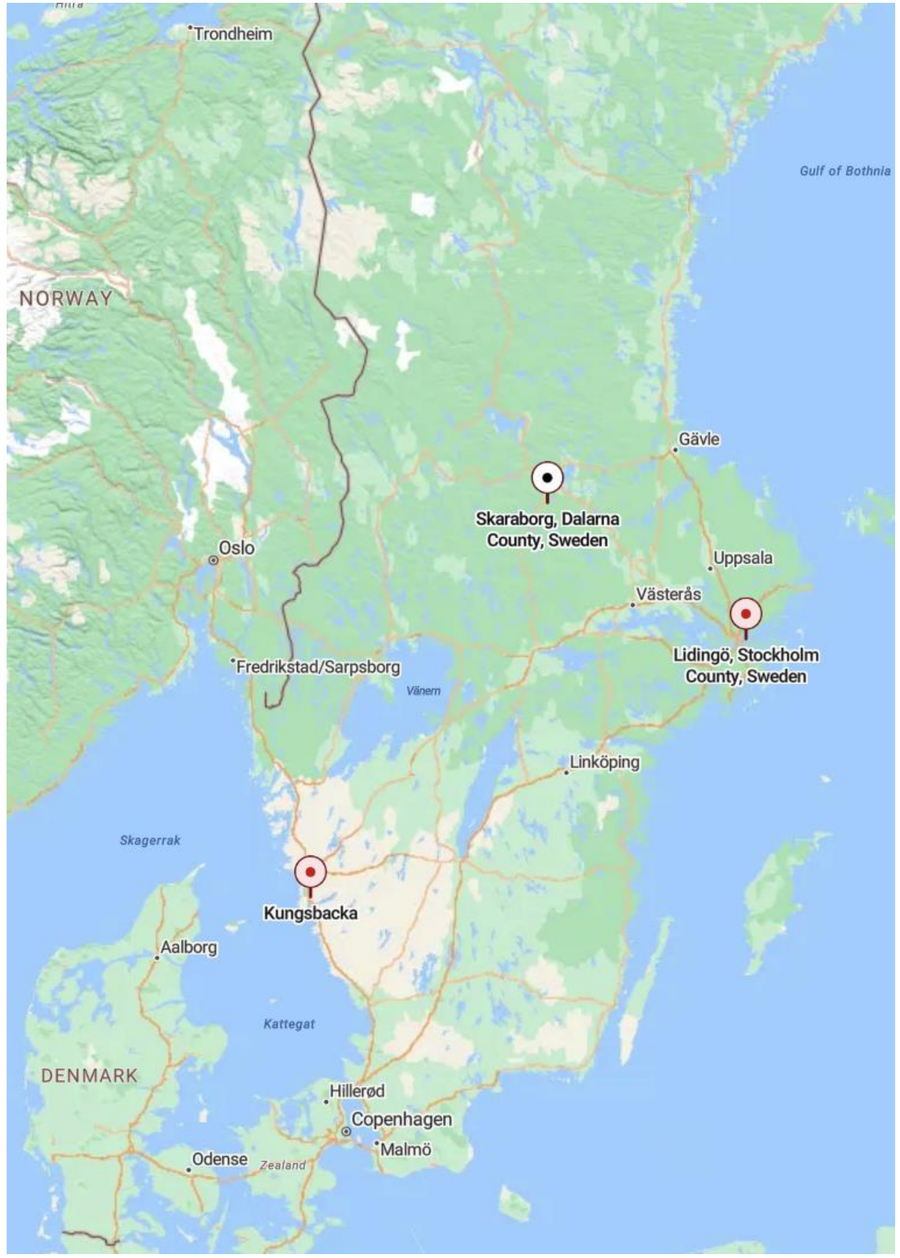
The Principle of Publicity **vs** Security Act

Masking services

Working Together Across the Value Chain

Co-Creation Initiative

- Involving three municipalities, Lidingö, Kungsbacka and Skaraborg.
- ATEA, and IBM, utilizing the Arrow Think Lab.
- A five-week development period
- Minimum Viable Product

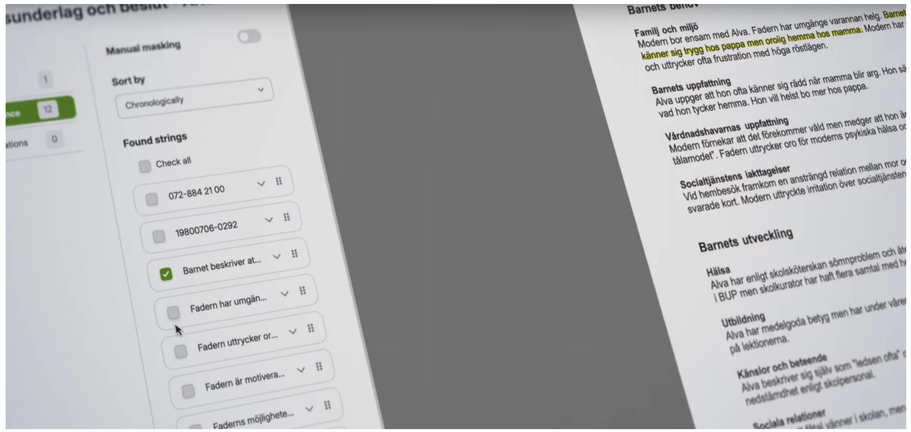


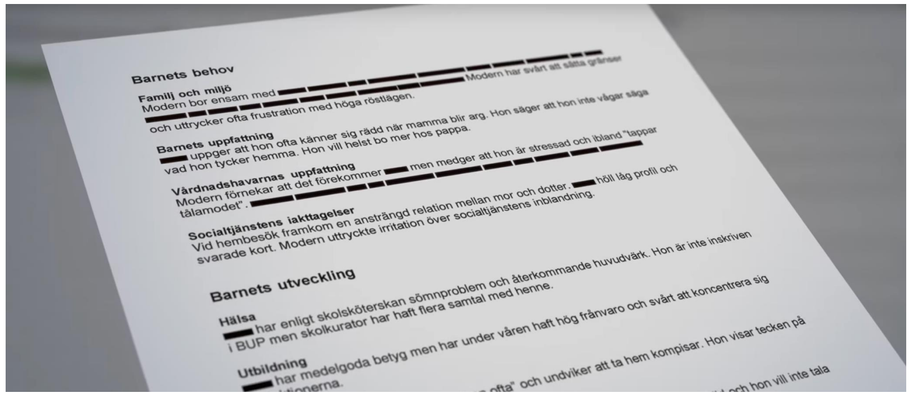
Masking services

It's not just about saving time, it's about using it wisely

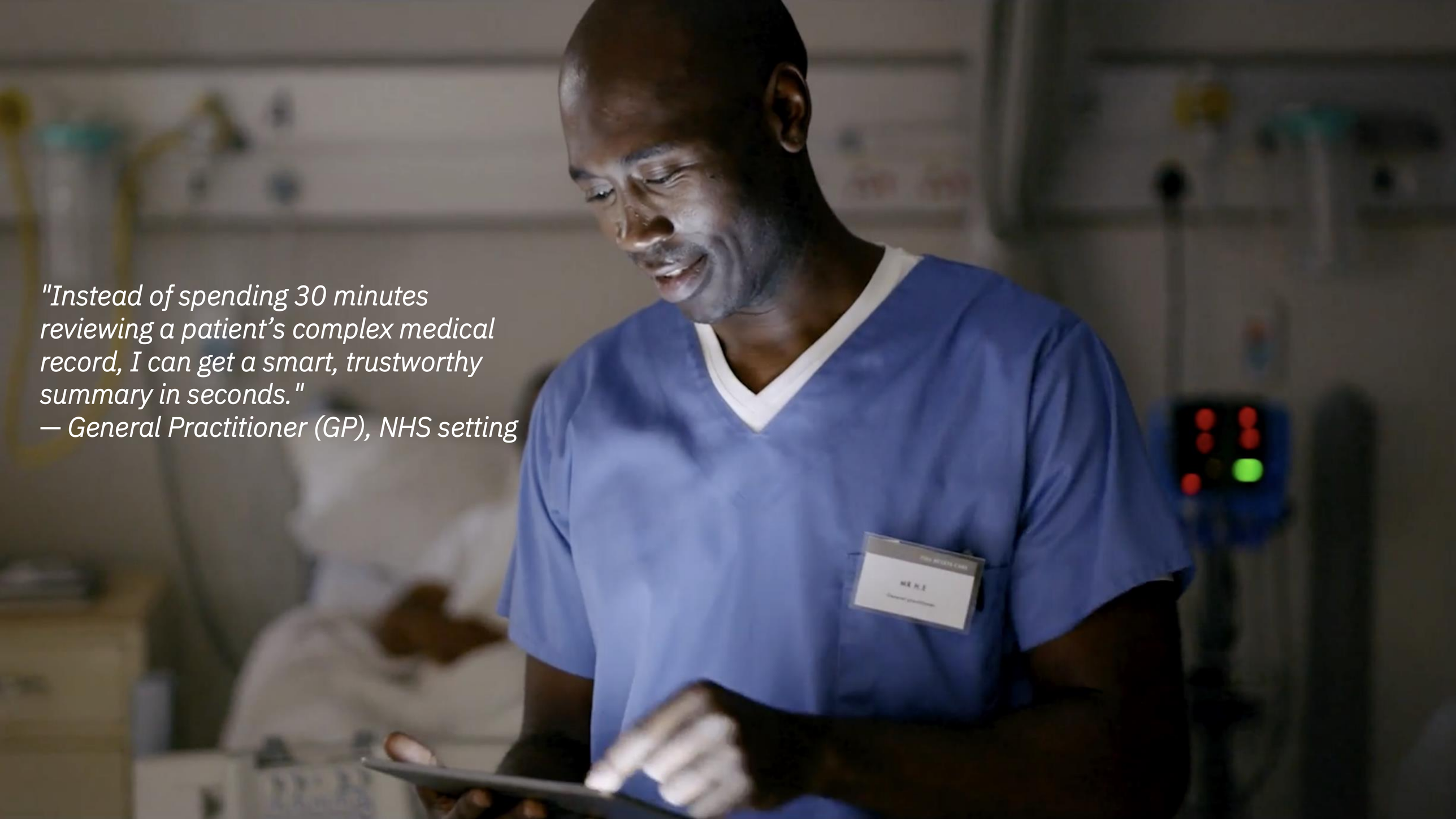
Outcome

- 50% reduction in overall processing time
- Response times improved from weeks or months to just hours or days
- Maintained human-in-the-loop (HITL) for oversight and quality assurance



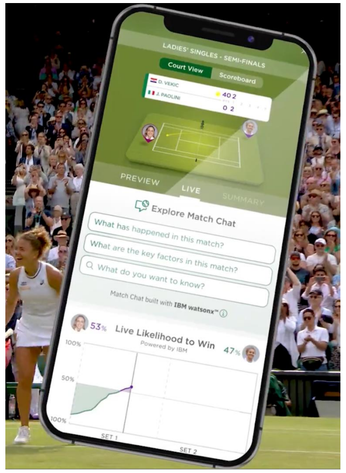


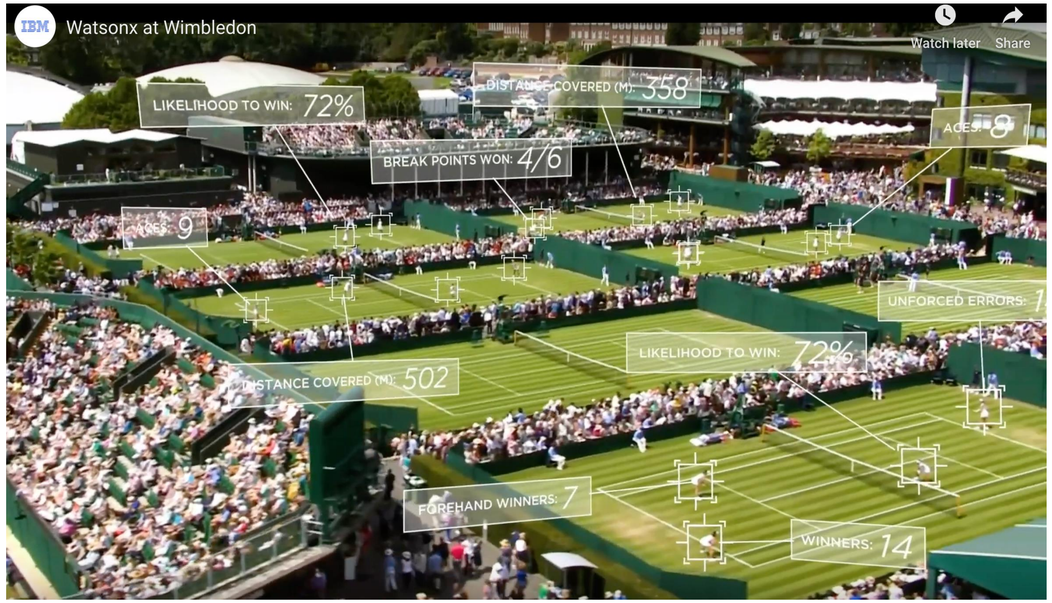
Source: https://www.youtube.com/watch?v=ivXboyrsmWk



"Instead of spending 30 minutes reviewing a patient's complex medical record, I can get a smart, trustworthy summary in seconds."
— General Practitioner (GP), NHS setting

Match Chat and live likelihood to win



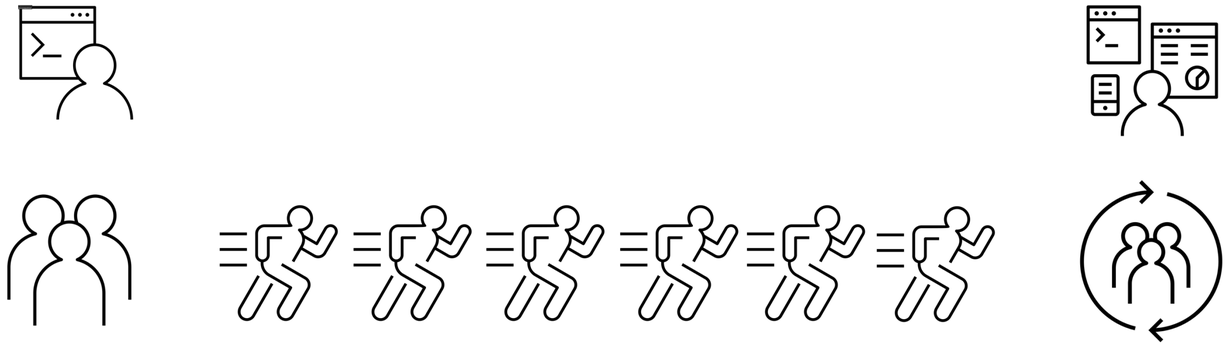


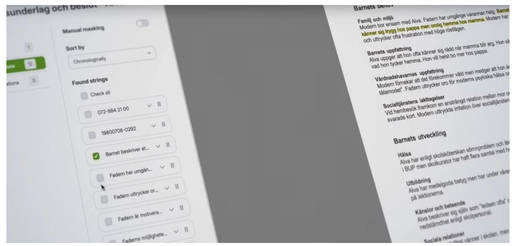
New Apps

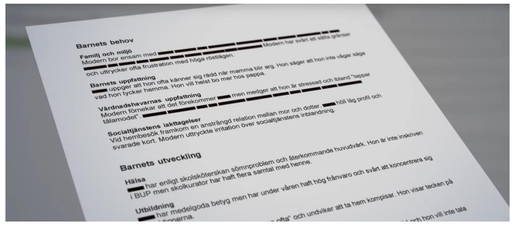
Next-Gen Application Architecture

Monolithic Application

Modern Apps







Platform

New Platform

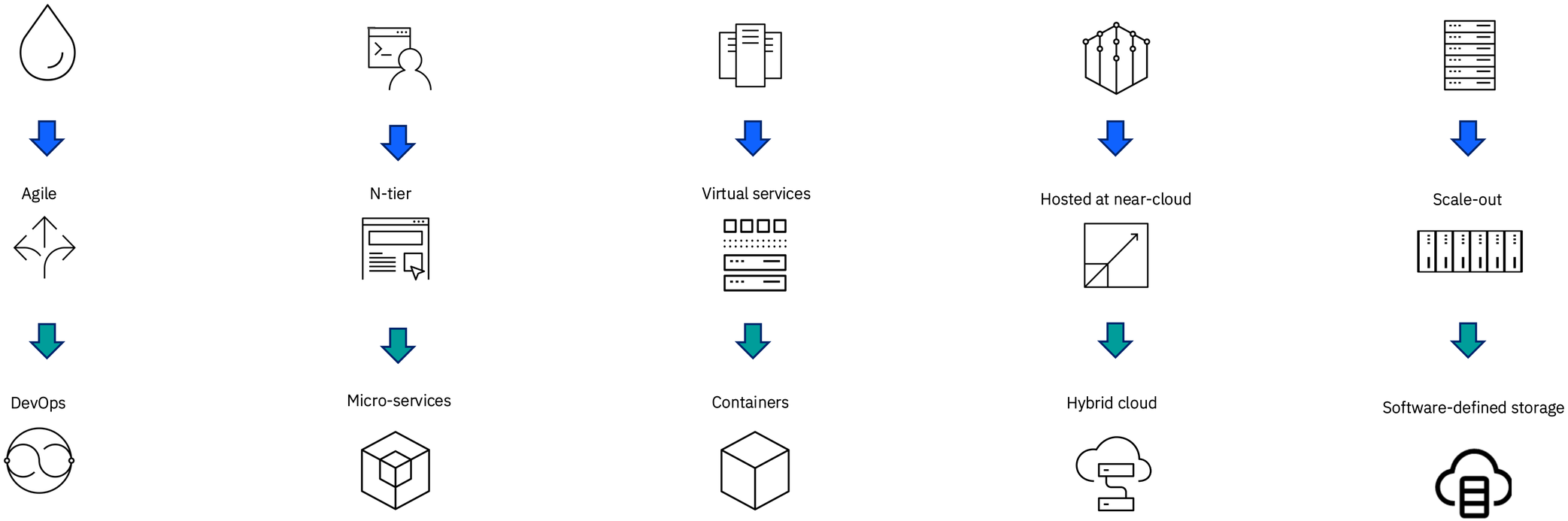
IBM

“By 2029, more than 95% of global organizations will be running containerized applications in production[1]”

- Gartner Research

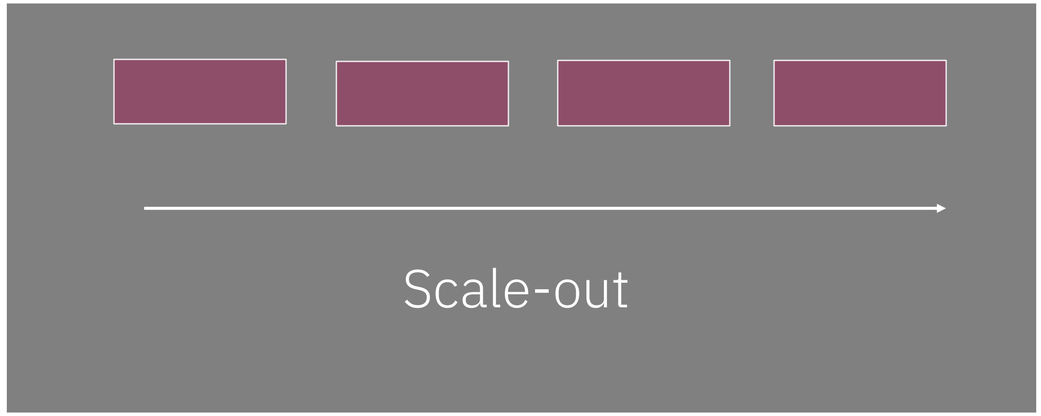
Next-Gen Application Architecture

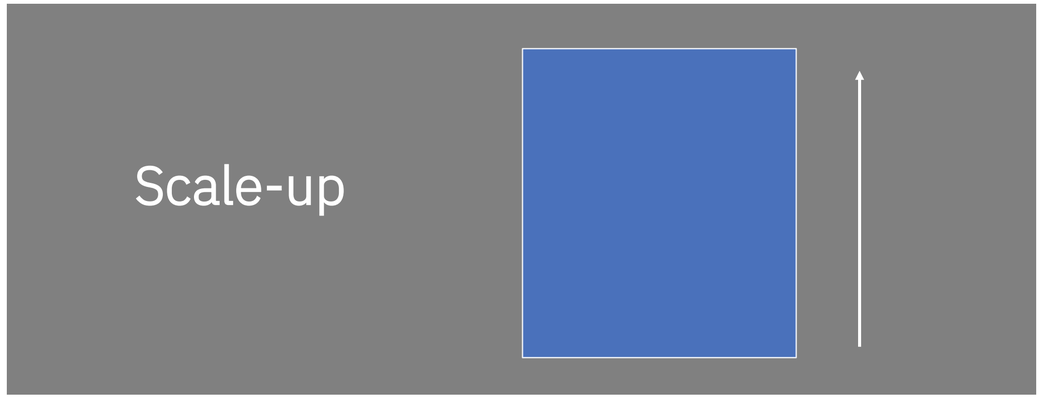
Development Model	Application Architecture	Deployment and Packaging	Application Infrastructure	Storage
Waterfall	Monolithic	Bare metal	Data center	Scale-up
Agile	N-tier	Virtual services	Hosted at near-cloud	Scale-out
DevOps	Micro-services	Containers	Hybrid cloud	Software-defined storage



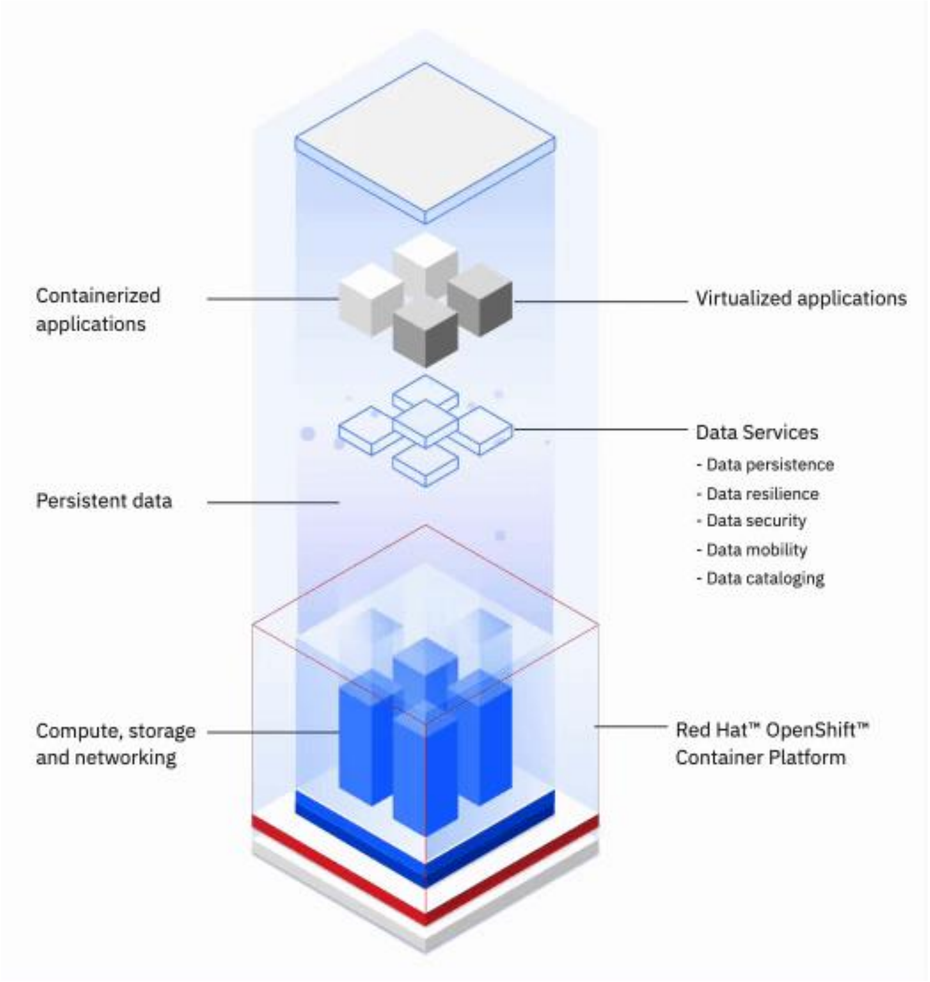
New workloads are truly different

- OLTP workloads
  ERP and traditional IT workloads
- Artificial Intelligence (AI)
  Logic rules, knowledge and reasoning frameworks
- Machine learning (ML)
  Reliance on large amount of data
- Neural Networks
  Inspired by the human brain recognize patterns; used in ML/DL
- Deep learning (DL)
  Leaning from massive data using (GPUs)
- Generative AI (GenAI)
  Trained neural networks + data + compute



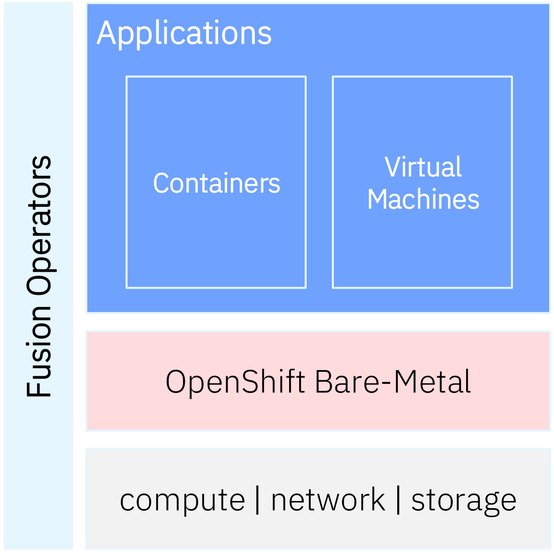


Turnkey Appliance for Containers, VMs, & AI



Hybrid-Cloud platform for modern application that seamlessly integrates AI, containerized, and virtual machine workloads with automated orchestration.

IBM Fusion - Turnkey Appliance for Containers, VMs, & AI



Fully Integrated Application Platform in-a-box

Appliance form factor powered by bare-metal OpenShift that supports containers, VMs, and AI workloads — no DIY required.

Enterprise-Grade Business Continuity

Safeguard workloads with built-in backup, restore, and disaster recovery—protecting critical data and minimizing downtime

Fusion Full-stack automation

OpenShift operator driven full-stack automation for cluster provisioning, container-native software defined storage, and streamlined platform lifecycle management services

Centralized Multi-Cluster Management

Manage diverse environments from a single console, update clusters independently, and maintain consistent security.

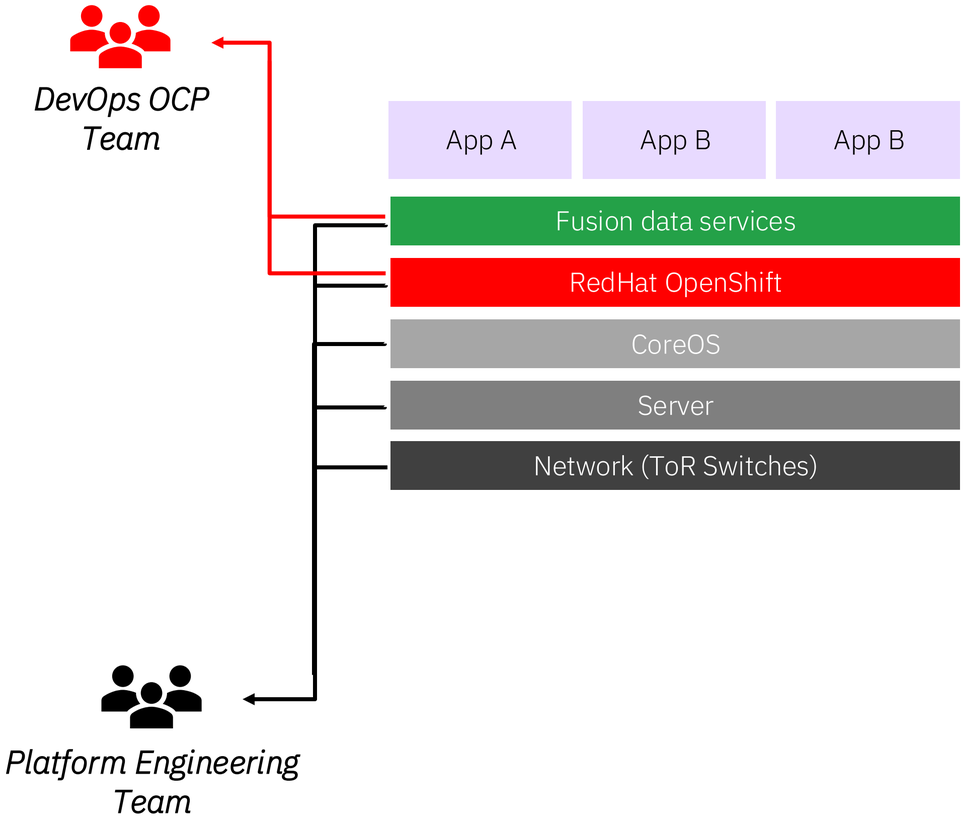
Streamlines Platform Engineering and enables DevOps success

OpenShift on Fusion HCI bare-metal

- Single vendor
- Integrated solution
- Provider-consumer cloud operating model
- Agile and efficient

Fusion Data Services

- Storage
- Encryption
- High availability
- Backup & Restore
- Disaster recovery
- Data Cataloging
- Content-Aware Storage (CAS)



Note: CAS leverages metadata extraction, vectorization, and integration with AI pipelines (e.g., Retrieval-Augmented Generation or RAG) — all within the Fusion framework.

Fusion HCI Control Tower

Tame OpenShift cluster sprawl, centralize control, simplify operations, *at scale*

Fusion HCI Control Tower Hub Cluster[1]

OPENSHIFT

Fusion Hub Services

- Adv. Cluster Mgmt.
- Backup hub
- Provider Mode Storage (BLOCK, FILE, OBJECT)
- Upgrade & Lifecycle Automation
- Hosted Control Planes

Managed Clusters

clusters on virtualized servers

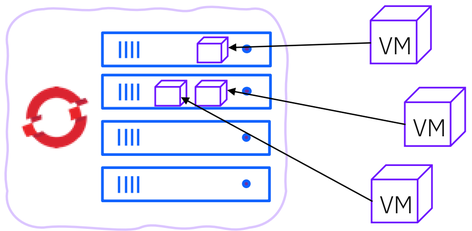
Development cluster

Test cluster

clusters on bare metal servers

Production cluster

Virtual Machines
Windows and Linux



Value at-a-glance

Rapid Provisioning, at scale

- Deploy clusters in a few minutes
- Provision clusters with storage and resiliency services using light weight agents
- Cloud Operating Model, on-premises
- **Value: Agility and Innovation**

Simplify operations, at scale

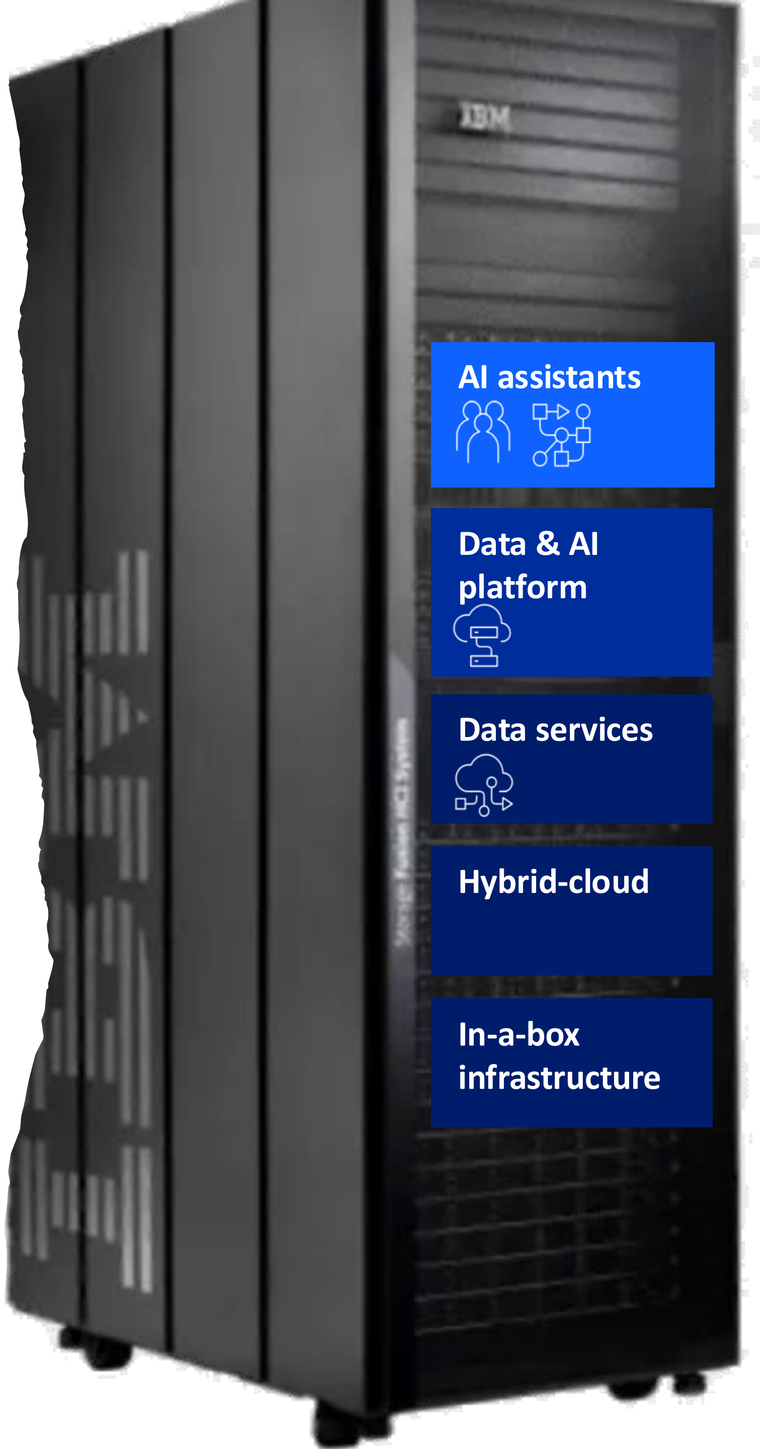
- Unify management of VMs and containers
- Consolidate control plane hosting
- Automated upgrade and lifecycle management
- **Value: Cost Reduction**

Enforce policy and governance, at scale

- Centralized control and observability
- Policy as code
- **Value: Ensure Compliance**

The Enterprise Promised Land

- An integrated stack like a smartphone: intuitive, intelligent, always ready
- AI, data, security, and cloud in one unified architecture
- Run workloads at the edge, on-prem, or across clouds seamlessly
- Move from reactive to predictive, from silos to convergence



Har du en AI-idé, men mangler vejen til at realisere den?

Du kender det nok:

- Mange manuelle og gentagne opgaver.
- Behov for smartere kundeservice/IT-support.
- Udfordringer med datasuveræenitet & innovation.
- Svært ved at finde den rigtige information i systemerne.
- Behov for at skalere i skyen.

Med CREATE har du muligheden!
Vind et AI-pilot-projekt med CREATE!

ATEA IBM ARROW