

Netcompany



Data Engineering Service

Changing Europe with responsible digitalisation

Empowering digital societies through responsible digitalisation

- Founded in 2000 in Copenhagen, Denmark, Netcompany delivers critical IT and Digital solutions across public and private sectors
- Supporting digital transformation for efficient, sustainable futures, we are a trusted partner in Supply Chain, Transportation, Utilities, and Government
- With our ‘Reuse, not Reinvent’ approach, we offer cross-sector and international best practices to support legacy modernization
- We accelerate and enable digital foundations with cloud, automating operations, and running mission-critical services with confidence

By the numbers

- | | | |
|----------------------------|--------------------------|---|
| ■ 8,260 | ■ £738m | ■ 50+ |
| Employees
year-end 2024 | Group Revenue in
2024 | Nationalities represented
in workforce |

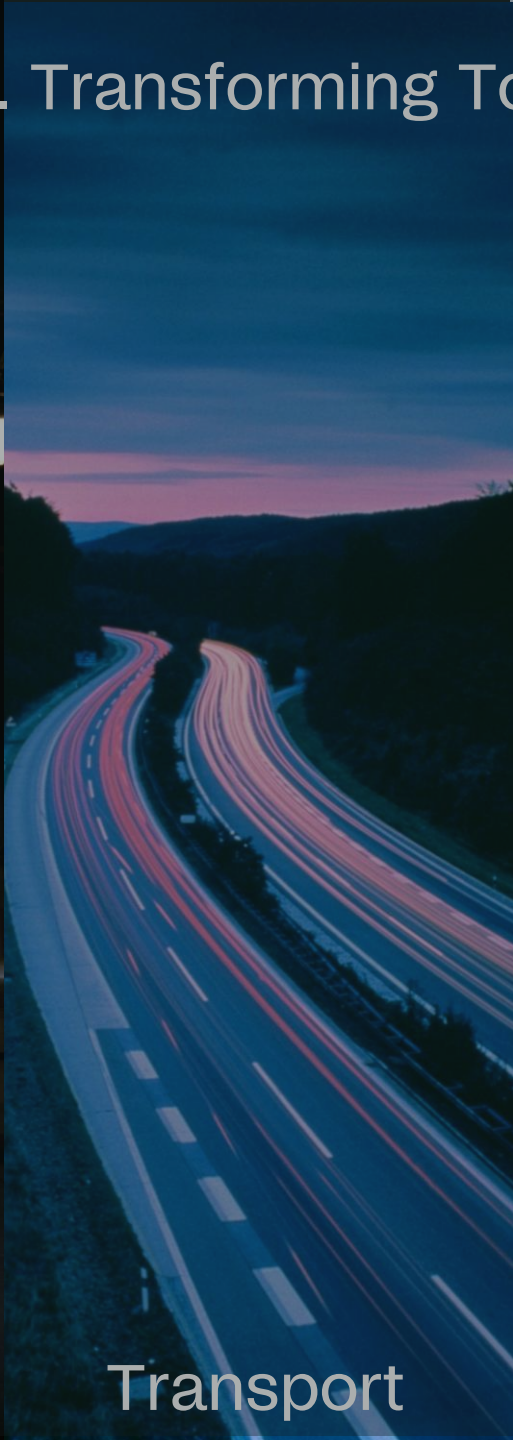
Customers



Running Today. Transforming Tomorrow.



Defence



Transport



Healthcare



Trade



Public Safety

Assuring the Resilience of the UK's National Infrastructure

Supporting the Strategic Road Network



The National Highways digital estate is a highly complex ecosystem, comprising 130 suppliers and 40 services.

Working as a trusted partner with National Highways since 2019, we have supported its Digital Services team to manage suppliers, reduce downtime, and deliver significant improvements to processes.



Streamlining UK-EU Trade with NCTS5



HM Revenue
& Customs

Netcompany's ERMIS solution replaced HMRC's 20-year-old legacy system with the **New Computerised Transit System Phase (NCTS)**.

The modernised, automated customs procedures for UK and EU traders improve efficiency and reduce waste.



Saving 600K+ hours in GP Surgery Administrative Work



Over 95% of **UK GP surgeries** are now processing 2.4+ million patient registrations through the NHS App.

Our work with NHS England has enabled the full digitalisation of the patient registration process, reducing what used to take weeks down to minutes.



Assuring National Security through Safe Modernisation



Home Office

We work with the **Home Office** to modernise critical national infrastructure, enhancing public safety.

Our expertise supports initiatives that bolster national security and Policing efforts, such as the NIAM (National Identity and Authentication Management) technology platform.



Migrating 47 Mission-Critical Applications to the Cloud



Ministry
of Defence

We worked with the **UK Ministry of Defence** to migrate 47 mission-critical applications to MODCloud, supporting over 330,000 military and civilian users.

This transformation strengthens security, reduces downtime, and enables future innovation.



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Data Engineering Service

Data Engineering forms the bedrock of any Data Strategy or Architecture. Netcompany provides end-to-end Data Engineering Services, implementing reliable solutions which enables high performance, low-costs and increased user confidence/ experience in Data Products. This service enables preparation of data securely and efficiently for downstream Data Science and Analytics technologies.

Service Features

1. Modern Data Engineering architecture aligned to your Data Strategy
2. Data Collection / Ingestion accelerators for major Cloud Providers
3. Engineering services which synergise with Data Quality Management
4. DataOps covering monitoring, audit, notifications and Governance measures
5. Custom Data Models which align to your business use case
6. Building ETL and Data Transformation pipelines for successful exploitation
7. Building secure, accredited Data Engineering architectures
8. Data access control and appropriate data sharing methods
9. Implementing optimal Data storage technologies for your organisation
10. Achieving security and governance accreditation including JSP and NIST

Service Benefits

1. Organisation has adopted data culture and data driven decision making
2. Innovation driven to exploit data, realising value quickly
3. Reduced time to market and better asset re-use
4. Data is managed and monitored effectively in hybrid premises/cloud, multi-cloud
5. Data is appropriately open and shared across organisations
6. Benefiting from a proven Information Management and Data Science community
7. Knowledge Transfer of proven tools and processes to organisations staff
8. Trust your underlying data processes to have confidence in insights gained through data exploitation
9. Ensure Data Storage is effective for retrieval purposes and cost efficient

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Data Engineering Service

Who is this for?

As a UK Government organisation, you've been at the forefront of providing services to citizens and other government agencies for many years. This continual need to adapt and to address new demands has provided your authority with a wealth of data, often contained or restricted within silos of people, processes and tools.

Like any organisation you've recognised that the power of your business is driven based upon what data you hold and can exploit for you to become data centric. You've adopted an overall data strategy, which has identified that for you to progress, you need to have further capability in the acquisition, management and exploitation of data.

You want to:

- Use data effectively in your organisation to drive decision making
- Use data to drive policy making and enforcement
- Reduce your cost and/or dependence on legacy assets and providers
- Use best of breed cloud services
- Enable your digital transformation
- Provide an environment of agility and flexibility
- Increase the trust of the public in hosting their data
- Support your data organisation with additional capability
- Ensure data is collected, manipulated and exploited securely and effectively
- Ensure data is stored effectively for retrieval and cost efficient

What is the service?

Netcompany provides a full service covering all aspects of data engineering, helping your organisation with:

- Data and cloud engineering and architecture
- Improvement of data ingestion and collection services
- Improvement of data transformation and modelling services
- Improvement of data storage architecture and techniques
- Support in improving customer capability in Data Engineering and related operations
- Support in building audit and monitoring of Engineering services
- Rationalisation with costs of scale

What does it do?

- Delivering the capability to interact with previously siloed or unstructured data to drive new business needs
- Increases reliability and effectiveness of Data Pipelines, improving reliability and timeliness of data fed to analysts and scientists, increasing confidence in generated insights
- Increases performance of Data Transformation or Modelling techniques tied closely to your downstream objectives
- Delivery of cross-agency/department or organisation data to provide a holistic view of citizen or organisational needs
- Improved reporting to audit and oversight agencies

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Data Engineering Service

How do we do it?

Based on the experience and knowledge we have accumulated through building approximately 200 public sector and government solutions; we have designed a unique delivery model based on the following pillars:

- Practical understanding of Modern Data Engineering Architectures and Techniques
- The right team of skilled people
- Unrestricted ownership and public sector experience
- Competency building and on-site development
- Controlled agile delivery

The right team of skilled people

To be successful, it's important that Data teams have the skills, capability and knowledge required to identify, gather and provide the right solution aligned to your business needs. Dependent on the specific requirements of the project, our team of highly skilled professionals can help you along the journey.

We have structured our interdisciplinary and cross-organisational teams to have just the right blend of experienced managers and fresh talent, to ensure full accountability and technical ability. Data architecture and engineering happens in close collaboration with all stakeholders.

Netcompany have expert data architects and engineers ready to support you in optimising your Data Ingestion, transformation and storage technologies, with the goal of increasing the success of data projects by ensuring assets developed are effective, efficient and of high value. We would love to leverage our experience, knowledge and passion in Data Engineering to make your Engineering assets effective for your organisation.

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Data Engineering Service

Unrestricted Ownership and Govtech Experience

At Netcompany, we believe that our public sector clients should be in control before, during, and after delivery. This is why we deliver legacy-free solutions with no IP restrictions or license costs, and which give our clients full user rights over the delivered code.

Competency building and on-site development

At Netcompany, we work closely with our clients, sharing the expertise and knowledge of our unique delivery approach, developing strong digital DNA and maturity in the client's organisation.

Controlled agile delivery

The public sector has recognised that our changing world requires far more agile approaches and development models.

At Netcompany, we offer a proven project method dubbed "agile with control", combining the main virtues of the traditional waterfall methodology (control and predictability) with agile methodology (lean, continuous improvements and adaptation).

In Summary

Netcompany has experience across all major public cloud platforms along with extensive knowledge of the open source and vendor specific solutions.

Netcompany can leverage this wide industry experience to enable migration of your data and their supporting solutions between different platforms, providers and operational control from your current provider.

Critically, we can assess your current deployment, data ecosystem and data pipeline and establish how that can be migrated in a phased approach to a new cloud solution.

Most importantly, we will establish how the supportability, maintainability, security and auditability will continue to function with minimal impact to your data-solution through appropriate provisioning.

The key strength of our solution is that we bring a range of proven processes, which we then tailor specifically to the operation of your organisation and the outcomes that you seek. This allows us to ensure that we are providing services that minimise risk and disruption of your operational services, whilst also ensuring that you can identify, accrue and monitor any business benefit.

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Case Study

UK Government Engineering Service

Problem

A central UK Government organisation, instrumental in maintaining, analysing and providing rapid response to COVID-19 flare ups, required multiple sources of COVID data ingested, modelled and analysed in a resilient, scalable and secure cloud environment. This realised significant ongoing process efficiencies and data quality improvements.

Solution

The solution ingests, stores and processes multiple sources of COVID-19 data across hundreds of locations throughout England. The service plays a pivotal role in ensuring all relevant information is quality validated, integrated and shared securely across relevant UK Central Government organisations and associated local government and third parties.

Our unique approach enabled the comprehensive capture of relevant data, and we worked with the business to provide a single version of truth for reporting and rapid response alerts. Engineering and ETL pipelines functioned effectively to provide high quality data reliably and in a timely manner to support successful downstream insight generation through Data Science and Analytics techniques.

What we did

In 2020, Netcompany engaged with the complex stakeholder and vendor landscape and swiftly secured approval for the design of Cloud Data Services for integration and provisioning of required data. In parallel, data from the Secondary Sequencing Applications that were developed for identification of COVID-19 variants was ingested into our cloud platform and complex further tertiary analysis was performed with minimal disruption to service.

Benefits

- User-friendly centralised platform with easy but controlled access for data integration and analysis
- Managed a complex data collection and ingestion landscape effectively
- Data was ingested, transformed, integrated and exploited seamlessly
- Various disparate sources of data were modelled and integrated to increase insight generation success
- Identity and access control seamlessly aligned to strategic departmental active directory
- Data now stored in future-proofed, reliable and secure technology platform that is continually maintained
- Minimal disruption and minimal user training required
- Provided high quality integrated data for analytics and reporting for multiple end users
- Fully scalable solution that aligns to cloud-first departmental strategy
- Agile with control delivery

How we work

A photograph of a group of people in a meeting or conference. In the foreground, a man with a beard and short blonde hair, wearing a white shirt, is smiling and looking towards the right. Behind him, another man in a blue shirt is partially visible. To the right, a woman with long brown hair, wearing a grey jacket, is also looking towards the right. The background is blurred, showing other people in the room. The overall lighting is warm and professional.

We empower societies, companies and institutions to take control of their processes and data.

Dedicated to a Greener, Fairer Future

- Netcompany is more than a business; we're a community of employees, customers and partners committed to a sustainable and fair society.
- When working towards the Social Value Quality Mark, we developed a set of seven pledges. These support our alignment with the United Nations' Sustainable Development Goals and the UK Government's Social Value Model. Furthermore, they underpin the development of our social and environmental impact initiatives.
- We are proud to be the winner of awards and accolades from our work and contribution to social value creation and community well-being.



Social Value in 2024

■ Communities

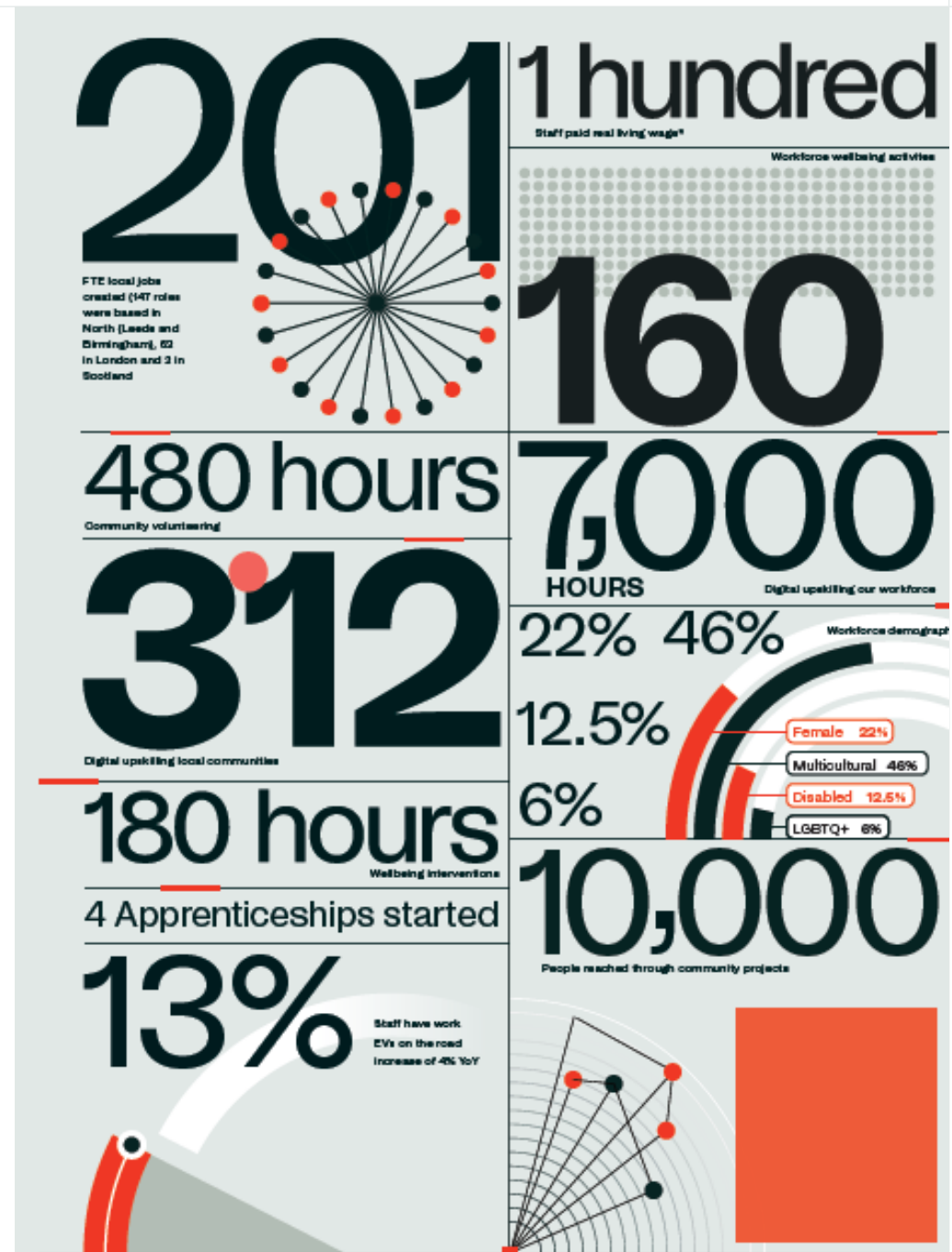
Netcompany partners with schools, charities and SMEs to build digital skills, improve access to technology and create inclusive opportunities. Through volunteering, mentoring and targeted programmes, Netcompany reached **10,000 people** across **480 hours of volunteering** in 2024, running and contributing to events with Ahead partnership, Rebel Business School and more. Netcompany helped local areas strengthen in resilience, employability and long-term economic growth with the creation of **201 FTE jobs** across London, Birmingham, Leeds and Edinburgh of which 100% are **paid real living wage**.

■ People

Netcompany invests in our people through inclusive recruitment, apprenticeships and continuous learning. We delivered **7,000 hours of digital upskilling** through our dedicated Academy in areas of digital, management and personal development. We support underrepresented groups into meaningful careers, with **4 new apprentices** who are supported by our ERGs (Women, Multicultural, Veterans, LGBTQ, Neurodiversity). Netcompany has achieved demographic representation above the industry average in areas such as ethnic minority, who make up **46% of our workforce**. We promote fair pay, wellbeing and progression, delivering **180 hours of wellbeing intervention** in 2024 through access to specialists and webinars targeting mental and physical health, and financial management.

■ Environment

Netcompany is reducing carbon emissions through an **EV scheme adopted by 13% of our staff**, promoting green IT through project Green Team Charters and tackling tech waste through our partnership with Good Things Foundation. We embed sustainable practices in delivery and supply chains, ensuring our ecosystems meet minimum requirements and support biodiversity volunteering with the NHS.



Domain expertise across many industries

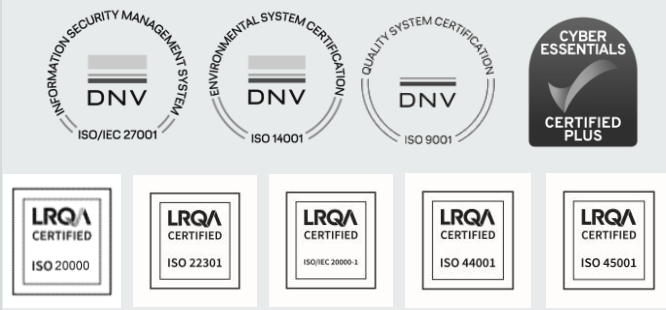
- With vast technology experience and deep public sector specific knowledge, we quickly create innovative solutions tailored to your goals, delivering outcomes to address the intricate challenges currently facing governments.
- Through our innovative delivery approach, true client partnerships and exceptional people, we design and deliver solutions that have dramatically increased user engagement and provide better citizen and customer experiences for us all.



We are the customer's partner first, the software vendor's second

Netcompany is a tech-agnostic IT solutions provider, and we are entirely independent – always opting for the precise mix of technologies that is optimal to your business.

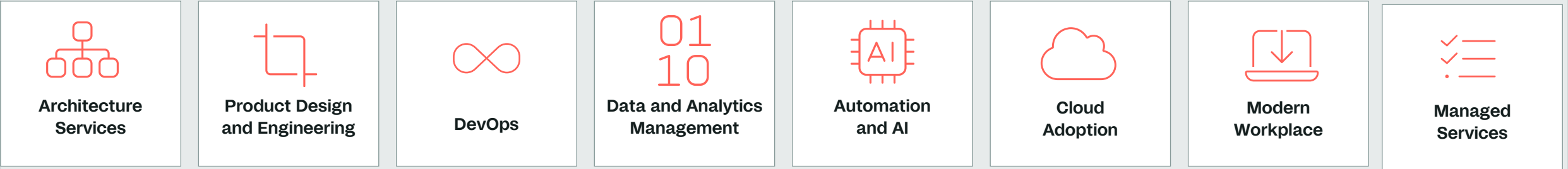
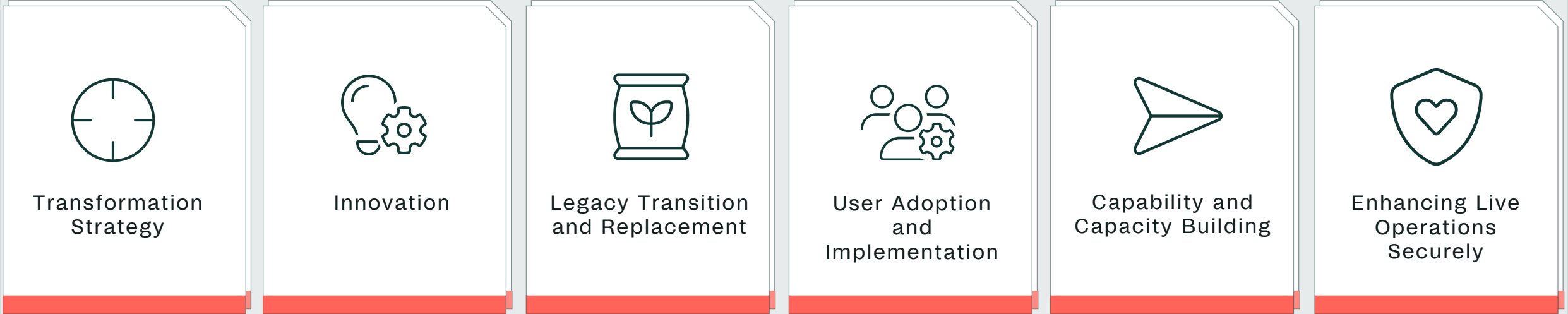
With expertise in all modern technologies and industry-targeted digital tools, we guide you through your options, combining components and software with the goal of finding the right balance between needs, agility and operating costs.



What We Do – and How

Championing Digital Sovereignty and Responsible Digitalisation, we deliver end-to-end IT services – even where others couldn't.

End-to-end transformation delivery capability



A singular delivery model that sets us apart



Open platform approach

- Legacy-free solutions with full customer ownership
- Technology agnostic – customer needs is the only thing that dictates technology choices
- Reusable components and portfolio of future-proof platforms and products



Access to unique talent

- IT people leading IT people
- No knowledge gaps
- Interdisciplinary and cross-organisational teams
- Scalable project cell structure



Building digital maturity

- Highly collaborative, on-site development approach
- We share our expertise and educate your organisation
- We nurture your digital maturity and independence



Controlled agile delivery

- A perfect mix of waterfall and agile virtues
- Control and predictability in harmony with lean, continuous improvements and adaptation

Next-generation digital transformation

Platforms for the future

A platform is something to build on. It's a solid foundation. It's safe. It's re-usable. In short, it's a responsible way of doing IT.

Why Netcompany platforms?



■ Reliability from re-use

Our platform approach prioritises successful re-use, ensuring consistency and reliability for clients, and reducing development redundancy with cutting-edge technical platforms.



■ Reduced risk

Our meticulous documentation and use of proven platforms provide a high level of transparency and agility, ensuring timely delivery with reduced risks.



Netcompany Platforms

Easily customisable, rapidly deployable,
and AI-ready - for the futureproof business.

CONTROL TOWER



PULSE™ is a control tower for a real-time data ecosystem that allows businesses to share and act on a single source of truth.

It facilitates adaptable planning and forecasting in changing circumstances, breaking down silos and providing a single view of plan, execution and results.



PROCESS AND ADMINISTRATION



AMPLIO™ is our platform for regulated case management and process automation in highly compliant environments. It's a powerful tool for digitising and controlling complex processes, providing a single source of truth for all business executions.



DIGITAL POST & ARCHIVE



AMI™ is a secure platform that connects businesses and people. As a Digital Wallet, it offers a range of compliant 'my site' features like archive, profile, sign, and pay-as-a-service.

Additionally, AMI allows fast data and document exchange with other businesses.



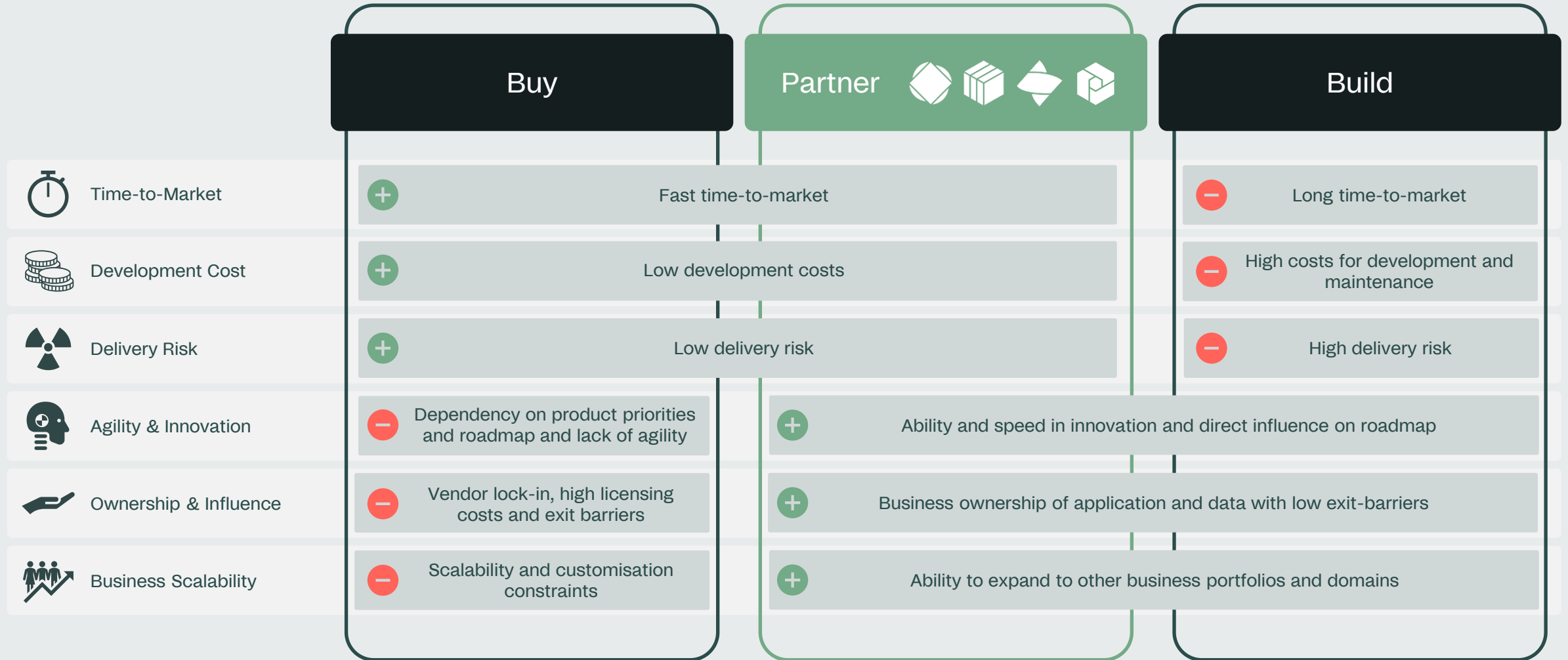
GENERATIVE AI PLATFORM

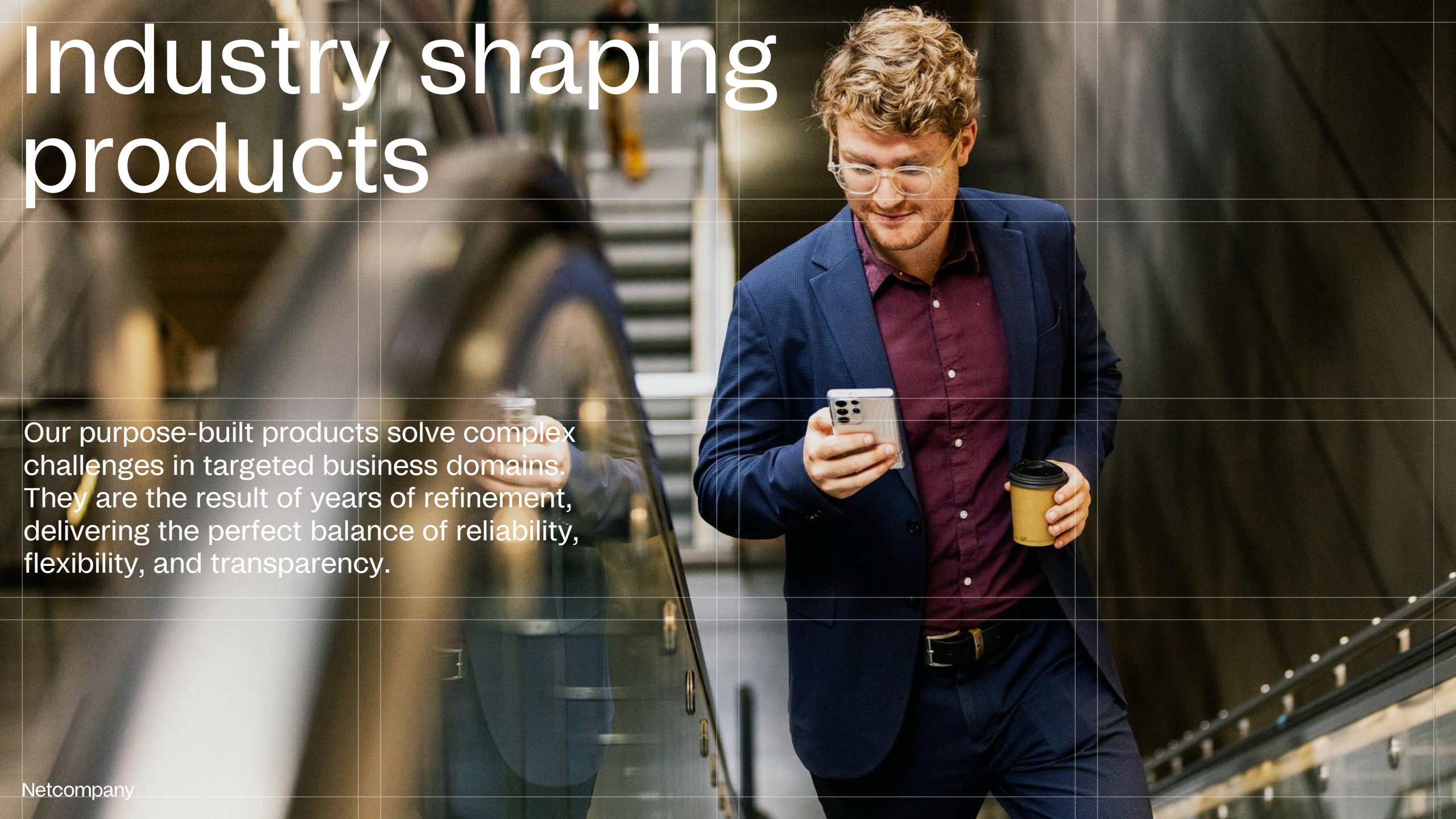


EASLEY AI™ orchestrates and leverages existing AI models, quickly connecting them to your unique business data, tools, and processes, centralising and storing data securely within EASLEY – not with the model provider – to ensure full transparency and governance of AI.



The strategic benefits of our platforms





Industry shaping products

Our purpose-built products solve complex challenges in targeted business domains. They are the result of years of refinement, delivering the perfect balance of reliability, flexibility, and transparency.

Why Netcompany products?

■ You could settle for a standard product

Off-the-shelf IT products promise speed and low cost with minimal custom work. Yet they often fall short of meeting your unique needs – leading to integration issues and hidden expenses.

■ Or choose the better way

Our range of products is designed to match your specific requirements. They offer modular integration, one transparent price to eliminate surprises, and an open-source foundation.

■ In short –

A generic IT product might seem appealing at first, but its long-term drawbacks – limited flexibility, rising costs, and integration headaches—can add up. Our products deliver the reliability, adaptability, and transparency your business needs – the result of years of refinement.



Netcompany Products

TAXATION

SOLON TAX™ is our built for purpose commercial-off-the-shelf (COTS) product for taxpayer and revenue management operations and process automation in complex revenue authority environments.



CUSTOMS

ERMIS™ is a dedicated, self-contained, reusable, and integrated family of customs solutions, with continuously evolving capabilities designed to be the customs operations management system of choice for customs administrations.



SOCIAL SECURITY

PERSEUS™ is our purpose-built commercial off-the-shelf (COTS) product for employers, insured persons, social security revenues, pensions, and benefits management operations. It facilitates process automation in complex social security environments.



DIGITAL BANKING

DX4B™ is our leading-edge digital banking solution, offering mobile banking, web banking, open banking, and digital wallets with a focus on interoperability and scalability.



RISK ANALYSIS

LUMENUS™ is a next-gen risk analysis solution designed for the public sector, offering increased usability, seamless interoperability, and a modern technology stack.



■ Our products are to our platforms what specialised tools are to a general-purpose toolkit.

While the latter reuse components across industries, our products target specific industries or business processes.

Together, they maximise our ability to reuse software at scale.

Our customers are the ones to reap the benefits.



Greater reliability



Lower costs



Fast deployment



Simple, transparent pricing scheme

Netcompany

Want to know more?

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