



Accelerating Your
Extraordinary.



XDNA turns complexity into clarity, powering smarter decisions,
stronger teams, and faster results where they matter most.

> **CLARITY, CONFIDENCE & OUTCOMES**



> Digital industry solutions delivering real outcomes

As industry sectors face growing complexity, shifting workforce dynamics, and expectations of uninterrupted performance improvement, digital transformation has never been more urgent - or more challenging. That's where XDNA make the difference.

XDNA is the digital solutions and innovation arm of Downer; we solve real industry problems - not just implement tools. We combine deep industry insight with trusted delivery, so that asset-intensive organisations

can move from complexity to clarity, and from data to decisions, faster.

From rail to utilities, defence to mining and across services, we work at the frontline of infrastructure and operations, helping teams shift from siloed processes and static reporting to smart, connected environments where insight drives effective and sustainable action.

Whether it's optimising asset management or maintenance, streamlining multiple data outputs

to create a single view of operations, using AI to improve task productivity and/or deploying future work solutions to support field teams, XDNA is enabling next generation organisational practices. Delivering what matters most - measurable outcomes at speed.

We design, build, and deliver repeatable solutions that simplify operations, reduce risk and unlock value across the asset lifecycle backed by Downer's scale, stability, and industry experience where it counts.

> How we accelerate value

At XDNA, delivering solutions is only part of the story. We ensure they deliver real outcomes faster by embedding proven accelerators that drive adoption, build capability, and sustain results.

Our value acceleration framework includes:

- > **Ideation & Initiative Development** - shaping and testing the right ideas, early
- > **Benefits Case Management** - proving the value and aligning investment with impact

- > **Literacy / Education** - equipping teams with the knowledge to succeed
- > **Work Design** - rethinking roles and processes for smarter outcomes
- > **Agile Delivery Methods** - deploying at pace, with flexibility built in

- > **Change Adoption** - ensuring new ways of working stick
- Together, these accelerators help organisations move quickly from concept to measurable impact, ensuring every solution achieves its full potential.

> Why XDNA

- We live in your industry** - on the ground, in the field, every day
- Built for the real world** - tested in critical, high-pressure environments
- Fast to deploy** - value realised in weeks, not years
- Secure, scalable and sovereign** - backed by security cleared onshore resources, technology and Downer Group, one of Australia's most trusted infrastructure providers

> What we deliver

Tackling complex industry problems, one outcome at a time

At XDNA we deliver tailored, ready-to-deploy solutions derived from our tested product suite across four focus areas. Each one is designed to embed intelligence, lift performance, and make operations smarter, safer, and more efficient - from day one.

Integrated Asset Management

Optimise asset performance through integrated data, transparent performance metrics, proactive work planning, and predictive actions to enhance efficiency and reduce maintenance costs.

21% increase in utilisation

Operational Intelligence

Integrating business systems, from control systems and sensors to asset management and quality documentation; making innovative, data-driven insights a routine part of your operations.

100,000+ alerts daily



Making sense of customer data to drive effective outcomes.



Using expertise, innovation, and a passion for data, we uncover trends, improve accuracy, automate and support data-driven decisions to enable a smarter, more sustainable digital future.



Future Work

Solutions that provide scalable robotic tasks, automate repetitive or height-based maintenance, and enhance safety and performance. We empower workers by automating high-volume, low-value, unsafe tasks, equipping them with the knowledge, safety, and tools for exceptional outcomes.

25% increase in overall productivity for facility, field & SME technicians



Industrial AI

Accelerating step change by utilising data generated and captured through our various focus areas to deliver industrialised AI solutions that fundamentally transform the operations and performance of your organisation.

50% improvement in time efficiency

> Real Results Across Critical Sectors

From national infrastructure to essential services, XDNA is delivering measurable outcomes where it matters most - in the field, on the ground, and at scale.

Mining

The challenge: Mining operations generate vast amounts of equipment, environmental, and workforce data, but it is often siloed, inconsistent, and difficult to turn into actionable insights. This leads to unplanned downtime, safety risks, and rising operational costs.

How we help: XDNA integrates asset health monitoring, predictive analytics, and AI-driven scheduling to detect issues earlier, optimise maintenance cycles, and support safe, continuous operations.

The impact: A mining operator used XDNA's Industrial AI solutions to reduce maintenance delays and achieve double-digit improvements in fleet utilisation.

Accelerators: TrainBrain, Maintenance Management Neuroverse

Utilities

The challenge: Energy and water utilities must manage ageing infrastructure, rising customer expectations, and the flood of IoT and sensor data coming from networks and assets. The difficulty is making that data clear and actionable for teams under pressure to prevent outages and reduce costs.

How we help: XDNA connects control systems, field data, and IoT inputs into unified dashboards, enabling earlier fault detection and faster resolution. This turns raw data into real-time operational intelligence that keeps services reliable.

The impact: A water utility integrated IoT and field inputs using Neuroverse, delivering more than 100,000 real-time alerts daily for faster resolution.

Accelerators: Neuroverse, TrainDNA

Social Services

The challenge: Social services organisations face fragmented case data, compliance pressures, and high administrative burdens that limit frontline capacity. Sensitive information must be secure, accurate, and accessible, yet many teams struggle with outdated or disconnected systems.

How we help: XDNA delivers secure, sovereign data platforms and intelligent automation to streamline reporting, enable real-time insights, and reduce time spent on manual administration. This frees up staff to focus on people, not paperwork.

The impact: A government services provider applied DASH to create a single, secure operational view, ensuring compliance while improving decision-making speed.

Accelerators: DASH, Neuroverse, Industrial AI-as-a-Service

Rail & Transportation

The challenge: Rail and transport networks depend on thousands of moving parts where any failure can cause significant disruption. Operators are challenged by data fragmentation across fleets, scheduling, and maintenance, leading to delays and lost capacity.

How we help: XDNA's Industrial AI and asset management solutions unify maintenance and performance data to identify failures earlier, improve fleet availability, and support safer, more reliable journeys.

The impact: A national rail operator detected failures earlier and improved fleet availability, achieving a 21% increase in asset utilisation.

Accelerators: TrainBrain, Maintenance Management

> Integrated Asset Management

Turn Asset Potential into Performance

Keeping assets **performing at their peak** is hard when visibility is limited, data is fragmented and maintenance teams are working reactively, not proactively.

That's where XDNA helps.

Powered by Downer's **TrainDNA** platform, XDNA takes a new **product-based approach** to maintenance. Packaging capabilities and tools into modules addressing specific customer needs across Digital Maintenance Management. We bring **clarity** and **control** to the entire maintenance process - from planning and scheduling to execution and performance tracking. With the right insights in the right hands, your teams can make **faster decisions, reduce costly downtime, and get more** from the resources you already have.

If you're trying to **improve asset availability, reduce maintenance overheads**, or move from reactive to planned work, this is **where to start**.

POWERED BY:

- > Maintenance Management
- > TrainDNA



> Operational Intelligence

Clarity that Moves Your Business Forward

In complex environments, it's not a lack of data that holds teams back - it's a lack of **clarity**.

That's where XDNA helps.

When information is locked in systems, spreadsheets, silos or is fragmented; it's near impossible to make the right call at the right time. XDNA's operational intelligence solutions **draw correlations across your business**, integrating data from control systems, sensors, engineering records, and more into a **single, usable view**.

With tools like **Neuroverse, TrainDNA** and **DASH**, your people gain **real-time visibility** of what's happening, when it's happening, why it matters, and what to do next. From fault detection to performance optimisation, it's about turning raw data into the kind of insight that drives confident, faster decision-making - **where it counts most**.



NEUROVERSE

BY XDNA

Neuroverse includes a suite of specialised capabilities:

- > **Neuroverse Core** - is the **data engine** at the heart of the Neuroverse ecosystem. It brings together industry best practices to rapidly **ingest, integrate** and **process** large volumes of industrial and enterprise data, both structured and unstructured, from assets, environments, operations and business systems
- > **Catalyst** - your AI-powered operational expert, combining industry expertise and secure data to deliver precision insights - **Specialised Intelligence, built for our operations**
- > **Cognition** - your intelligent operational assistant, providing fast, trusted answers by connecting data, systems, and documents with strict security controls. The answers you need, with the security you trust - **Your very own reliable industry specialist available 24/7**
- > **Cortex** - your unified workspace, with dashboards and dynamic interfaces that put business and operational intelligence in one place - **Where data drives action**
- > **Edge** - your on-site operations partner, bringing the power of cloud and AI closer to where you operate (desktop, tablet or phone), with secure, low-latency intelligence and resilience even in limited connectivity - **Intelligence where you operate.**

POWERED BY:

- > Neuroverse
- > TrainDNA
- > DASH



> Industrial AI Technology



Real AI, Built for Real Operations

When operations are complex and time critical; the ability to **act early**, with confidence and to **cross check** hundreds of documents to ensure a reliable outcome - can be a **game changer**. XDNA's **industrial AI solutions** are built to wrap around the systems and workflows you already use, making them faster, smarter, and more reliable.

That's where XDNA makes all the difference.

From **engineers** on the ground to **decision-makers** in control rooms, we use machine learning, anomaly detection, predictive analytics and agentic AI to detect issues earlier, significantly reducing manual effort, in some cases by 50%, and improve every response with high-quality reliability.

Delivered **as-a-service** or **fully embedded** in your environment, our tools give you the flexibility to start fast, scale as needed and interface with users in a way that works for your team.

POWERED BY:

- > TrainBrain
- > Industrial AI-as-a-Service



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> Future Work Solutions



Empowering the Workforce for What's Next

Work is changing and so are the tools your teams need to **succeed**. At XDNA, we help frontline and technical workers take on more complex tasks, safely and confidently, with the support of **digital tools, automation, and immersive technology**.

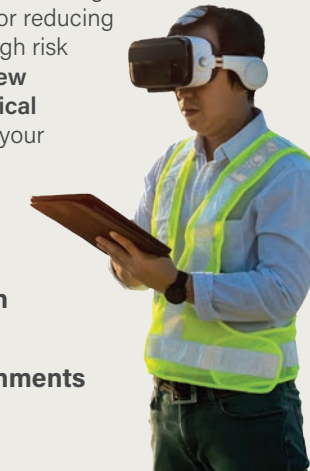
That's the XDNA difference.

From **augmented reality** work instructions and **real-time** training to **robotic** task assistance scaling and **automating** repetitive or height-based maintenance tasks to digital planning of working environments, our solutions reduce manual effort, increase safety, and improve performance across roles and industries.

Whether you're improving infield knowledge capture for frontline technicians or reducing risk for maintainers working in high risk environments, we help embed **new capabilities through technological solutions** without disruption; so your people can do more, with less. Getting it right the **first time**.

POWERED BY:

- > Robotics and Automation
- > Augmented Worker
- > AR & VR Training Environments



Built to Deliver, Backed by Downer

From solving a local problem to scaling digital solutions across your organisation, XDNA gives you the tools, people and approach to deliver lasting value - fast.

Our Approach:

- > **Accelerated outcomes** – via proven tools like Neuroverse and DASH
- > **Repeatable delivery** – with our agile, scalable implementation model
- > **Frontline focused** – designed for real users in real environments
- > **Backed by Downer** – bringing operational insight, national reach and trusted delivery





We'd love to help.

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