



COSMIC
BROKKOLI

COMPANY PROFILE · INVESTOR OVERVIEW

We turn ideas into reliable **digital systems.**

Cosmic Brokkoli is an international AI-first software engineering partner. We design and build complex digital systems for companies, institutions and organisations worldwide — from MVP to enterprise scale.

UAB Cosmic Brokkoli
Vilnius, Lithuania

July 2026
Confidential document

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AI-FIRST ENGINEERING · ENTERPRISE-GRADE DELIVERY

An AI-first software engineering partner.

Cosmic Brokkoli was founded on a simple idea: organisations don't need more technology hype — they need systems that work. We combine senior technical excellence, sustainable architectures and applied artificial intelligence to build mission-critical platforms that last.

Senior leadership

The team brings up to 26 years of experience in enterprise systems, artificial intelligence, big data and mobile development — expertise built on real projects, not slides.

International team

Operational headquarters in Vilnius, Lithuania, at the heart of the Baltic tech ecosystem: local expertise, cross-country vision and global reach, with projects delivered beyond the EU.

Engineering-first culture

We prioritise technical excellence, pragmatic solutions and sustainable architecture over hype and buzzwords. Skills over titles; technical honesty and long-term thinking.

Long-term partnership

No project is too large or too small: we accompany clients from MVP to scale, with evolutionary maintenance and continuous reduction of technical debt.

WHO WE SERVE

Startups & scale-ups

Production-ready MVPs delivered fast, on architectures built to grow with the business.

Companies & enterprise

ERP, quality, document management and compliance systems for complex organisations.

Institutions & public sector

Platforms for universities, healthcare, culture and public administration, on-premises or in the cloud.

"We prioritise technical excellence, pragmatic solutions and sustainable architecture — not hype."

— The Cosmic Brokkoli engineering manifesto

Measurable experience, concrete ambition.

Years of engineering experience

26+

Enterprise, AI-first and mission-critical systems

Users served by platforms built by the team

500K+

Across university ERPs, healthcare and consumer platforms

Countries where we have delivered projects

10+

European Union, United Kingdom, USA and beyond

Enterprise technology stacks mastered

8+

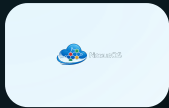
Java, Node.js, .NET, Oracle, SQL Server, PostgreSQL, MongoDB

OUR GOALS

- **Bring Nexus Industrial to market** as the industrial operations intelligence platform for European manufacturing: stage one is live in production, with factory intelligence in active development.
- **Consolidate NexusOS** as the reference AI-first operational platform for European startups and SMEs, turning a tool born from internal operational experience into a scalable product.
- **Scale Urban Analytics** as a Territorial Data-as-a-Service platform, aligned with European data spaces and the growing demand for privacy-compliant territorial analysis.
- **Expand international presence** beyond current markets (EU, UK, USA), leveraging the Baltic positioning and the international group structure.
- **Grow the team without diluting the culture:** autonomy, clarity, technical honesty and long-term thinking as the criteria for hiring and growth.

WHY NOW

The European market is asking for AI-native platforms that are GDPR-compliant and free of lock-in. Cosmic Brokkoli arrives at this moment with proprietary products already developed and validated in the field, a twenty-year enterprise portfolio and a lean structure based in Lithuania — one of the most efficient environments in Europe for growing a technology company.



NexusOS

The AI-first operational platform for European startups and SMEs

NexusOS is an integrated operational environment that connects documents, projects, teams and costs in a single intelligent space: it reduces fragmentation, improves coordination and accelerates the journey from idea to execution. Originally built to support our own teams' internal operations, it is now a mature product designed for startups, research teams, consulting organisations and SMEs.

Unified platform

Documents, projects, teams, tasks and budgets in one multi-company, multi-workspace operational environment.

Intelligent document drive

Not simple storage: versioning, controlled sharing and workspace-level permissions.

Projects + economics

Phases, milestones, tasks and deliverables with integrated economic visibility on budgets, costs and revenues.

Connected quotations

A quotation workflow linked to execution: on acceptance, the quote's economics flow into the project.

Workforce & calendar

Availability, assignments, absences, time tracking and cost allocation.

AI-native capabilities

Project generation from structured descriptions, in-context document analysis, project status monitoring.



Enterprise security

Multi-level access control (system, business, workspace, resource), audit visibility, local authentication plus Google and Microsoft identity providers.

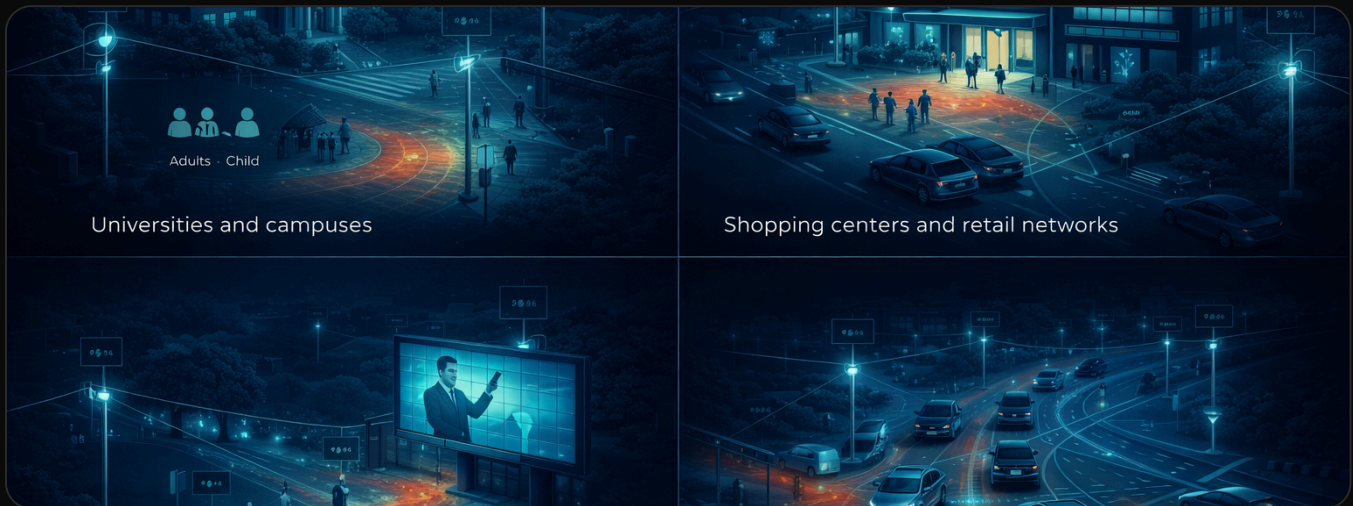
Built on real experience

Originally developed for Cosmic Brokkoli's internal operations: every feature answers a concrete operational problem, not a feature list.

Urban Analytics

Anonymised analysis of pedestrian and vehicle flows across distributed territorial environments

Urban Analytics collects, analyses and interprets the flows of people and vehicles through distributed networks of smart sensors, IP cameras and edge hubs. The architecture is privacy-by-design: edge anonymisation and statistical aggregation, with no identifiable images stored — fully GDPR-compliant.



Pedestrian flows

Entries, exits, dwell times, paths and heatmaps of areas of interest.

Vehicle traffic

Vehicle classification by category and model across road infrastructure and mobility.

Managed sensor network

Management of distributed sensor and edge-hub networks, with a visual network designer.

Territorial Data-as-a-Service

The monetisation model distributes anonymised datasets through secure APIs, creating new opportunities to valorise territorial data — in line with European data spaces. A recurring revenue stream that goes beyond selling the platform.

Domains and stakeholders

Universities & campuses

Shopping centres & retail

Digital signage & outdoor media

Infrastructure & mobility

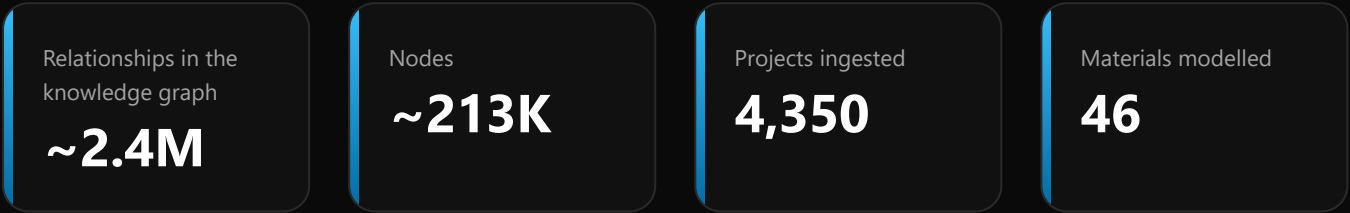
Museums & cultural spaces

Public bodies

Nexus Industrial

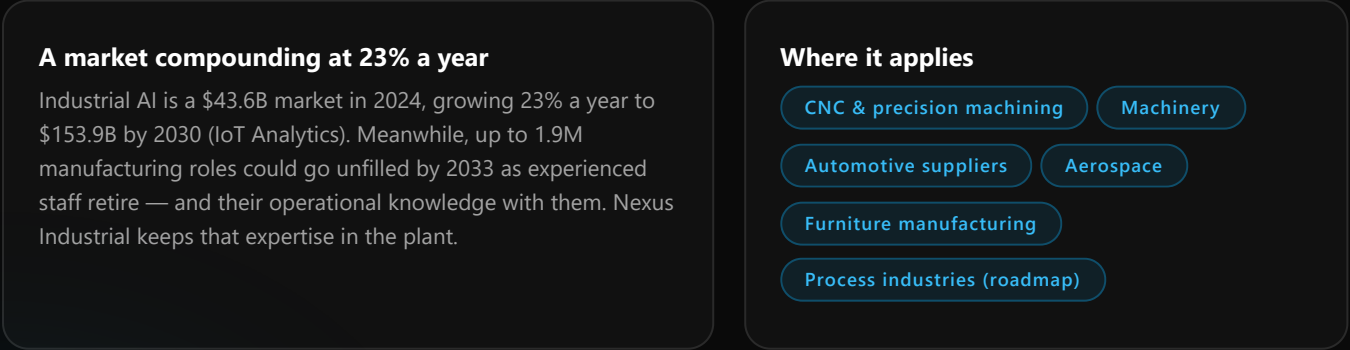
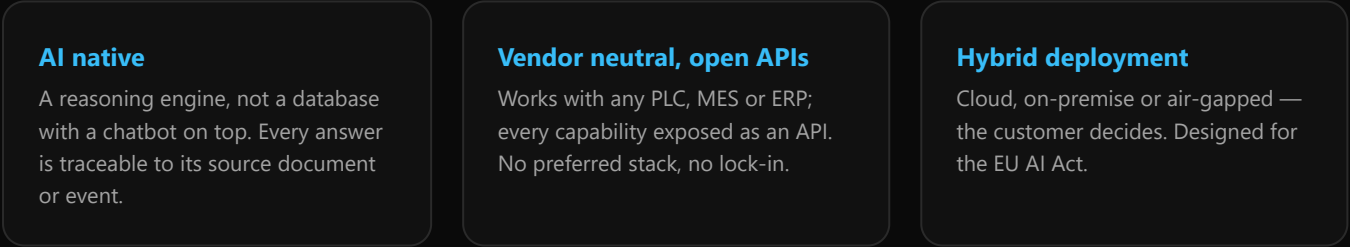
One engine, many industrial agents, connected to every machine on the floor

Nexus Industrial brings production data, machine context, quality signals and operating knowledge into one intelligent layer for manufacturing teams. At its core is the **Industrial Memory**: a persistent, connected record of everything the plant has built, fixed, measured and decided — with an AI-native engine that reasons over it and returns verifiable answers, traceable to the original engineering document or PLC event.



ROADMAP IN THREE STAGES

- Stage 01 — Engineering Intelligence**
In production. Machining strategy and toolpath generation grounded in real project data.
- Stage 02 — Factory Intelligence**
Active development. Maintenance, throughput, technician support and root-cause analysis on the same engine.
- Stage 03 — Industrial Platform**
2027 roadmap. Open, factory-wide platform with third-party agents and modules.



Celedrity

Thirty Seconds of Legend — user content on the big screens of the city

Celedrity is the group's consumer platform: a mobile app (iOS and Android) that lets users upload photos and videos to be displayed on LED walls in public and semi-public spaces. The system integrates a backend, an administrative console, automated and human moderation, content scheduling, payments and real-time integration with urban mega-screens — completed by a management platform for advertising advisors with campaign planning, slot booking and budget tracking.

Consumer app

Image and video uploads with text and captions, scheduling requests and push notifications.

Moderation & control

Automated and human moderation, with final approval by the LED-wall operators.

Monetisation

Paid features and subscriptions, plus the B2B channel of the advisor platform for advertising campaigns.

What we do for clients

AI-first solutions

Intelligent automation, predictive analytics and AI-based decision support, integrated into real processes.

Enterprise & ERP systems

Quality, data management, document workflows and compliance for complex organisations.

iOS & Android mobile apps

Native and cross-platform applications, from concept to the store.

MVP development

Production-ready architectures and rapid iteration to validate the business before scaling.

Strategic communication

Digital-first dissemination and communication strategies: from the visibility barrier to brand resonance.

Evolutionary maintenance

Continuous improvement and technical-debt reduction for systems that last.

METHODOLOGY — LEAN AI

Our method combines Silicon Valley innovation with the lean principles of the Toyota Production System: **co-design workshops** with value stream mapping, **production-first architecture**, **deployment in 90 days**, an **open core** model (proprietary innovation on a modular open-source stack, without lock-in) and continuous improvement with Kaizen, Just-in-Time and Jidoka.

Real systems, in production, in critical sectors.

A selection of the projects our team has worked on: mission-critical enterprise platforms in healthcare, universities, culture, retail and urban media.

HEALTHCARE

Healthcare Risk Management system

Multi-tenant cloud platform with OLAP analytics, laboratory data interconnection and compliance with international protocols.

UNIVERSITIES

AI-first Quality Assurance for universities

AI copilots, RAG, document editing, a virtual meeting assistant and certification and compliance workflows.

UNIVERSITIES

University ERP

Student careers, faculty, exams, accreditation and AVA3 workflows — in the cloud and on-premises, for hundreds of thousands of users.

CULTURE

AI analysis of museum visitor flows

Heatmaps and path analysis, on-premises and GDPR-compliant; artistic and cultural heritage management.

RETAIL

Visitor analytics for commercial spaces

Target classification and flow analysis in the cloud, in full respect of privacy.

INDUSTRY

AI-first industrial design (CAD/CAM)

AI-assisted industrial design system — the foundation of Nexus Industrial, now among our active projects.

URBAN MEDIA

WALLAPP — Thirty Seconds of Legend

Complete LED-wall platform: mobile app, backend, moderation console, payments and real-time integration with the big screens.

EDUCATION & EMPLOYMENT

Digital tutors and job placement

AI-first tutors for study support, CV/vacancy matching systems and a multi-institution Erasmus mobility platform.

ACTIVE PROJECTS

AI-First Industrial Design

AI visitor-flow analysis — museums and commercial spaces

Cultural and artistic heritage management

Cadastral systems and administrative services

Senior leadership, an engineer's culture.

A leadership core with decades of enterprise experience, supported by AI specialists and product designers. We select for competence, autonomy and technical honesty — not buzzwords.

CEO & Founder

STRATEGY · COMMUNICATION · INVESTMENTS

Trained at IED in strategic communication and advertising design, she founded and directs an Italian holding company that invests in technology startups across several European countries. She has led Cosmic Brokkoli since its foundation.

CTO

26+ YEARS · ENTERPRISE & AI

Over 26 years designing complex software for B2B, public administration and universities — from Assembly to C#, Java and TypeScript. Creator of a high-performance hybrid XML-relational ORM engine and a no-code environment for ERP flows; adjunct professor on an AI & Governance course.

Chief Strategy Officer

20+ YEARS · STRATEGY & LEAN

Over 20 years in strategy, project and portfolio management for public administration, universities, healthcare and large enterprises. ISO 9001 lead auditor, expert in Lean Management and the Toyota Production System, ESG reporting and EU-funded projects.

Software Architect

FULL STACK · AI ENGINEERING

Full-stack architect with experience on university ERPs, risk management and QA. LLM integration (OpenAI, Google Vertex AI), LangChain, RAG, agent architectures and semantic microservices on Google Cloud Run.

Principal AI Specialist

LLMS · AUTONOMOUS AGENTS · RAG

A technology explorer dedicated to LLMs, autonomous agents, orchestration frameworks, document ingestion and AI coding tools: continuous benchmarking and prototyping of emerging technologies.

Principal Back-End Engineer & UI/UX Designer

ENGINEERING & DESIGN

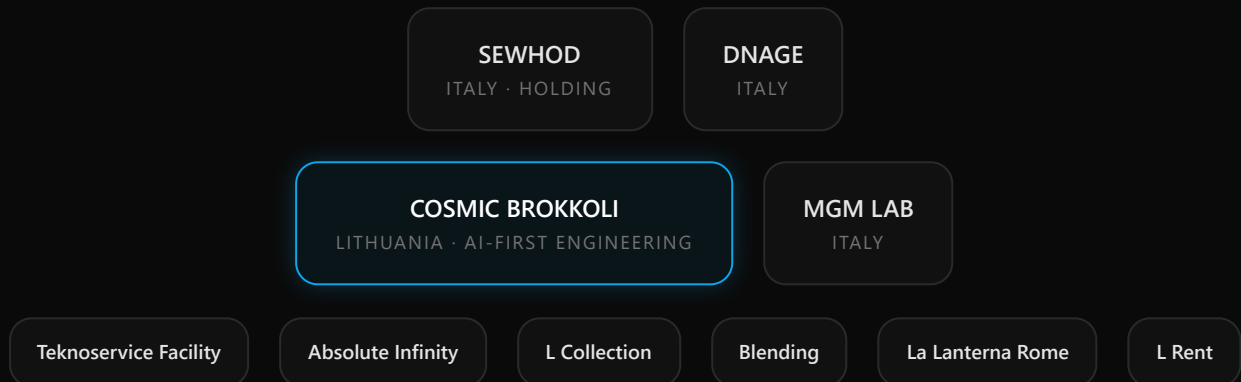
Back-end engineering on ERP, QA and risk management systems in the AI-Driven Applications team; design informed by an MSc in Computer Games and Programming (Goldsmiths, University of London) applied to AI-first projects in education, quality and healthcare.

SPECIAL GUEST

Saule — Chief Happiness Officer & HR Guardian. The official mascot of the Vilnius office: because company culture is an asset too.

Part of an international group.

Cosmic Brokkoli is part of an international group of companies spanning Italy and Lithuania: a network that combines investment capacity, industrial expertise and multi-market presence.



COMPANY DETAILS

UAB Cosmic Brokkoli

Private limited liability company under Lithuanian law
Company code: LT-307504828
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Guaranteed response within 24–48 hours

Commercial partners: DNAGE · MGM-LAB



COSMIC
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We build the systems organisations rely on.

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