



■ n7kel • SECURITY AND VIDEO ANALYTICS

n7kel. Site security and our own AI for video analytics

We design, supply and implement security, access control, video analytics and data systems — turnkey, for businesses of any scale: from fuel stations and warehouses to plants, banks and hospitals. Our own AI, with no dependence on foreign neural networks. 24/7 support.

Who we are

n7kel (pronounced "nickel") is a company working in site security, access control and analytics based on its own AI. We work with the client's existing cameras and infrastructure, integrate with virtually any of the client's systems and deliver turnkey projects — from site survey to operation. n7kel AI runs on the client's equipment, with no foreign cloud services, and is trained further for the client's tasks.

We currently have projects under way for an international oil company, a major bank and multi-specialty hospitals: security systems, security entry airlocks, AI on cameras, patient face check-in with the appointment opening automatically. For fuel station networks we have ready-made projects.

Our principles: data stays with the client and is not shared with third parties, except where expressly provided for by the agreement and the law, every event is backed by verifiable evidence, and a person makes the decision.

What we do

01 AI video analytics on existing cameras Posts, PPE, hazardous zones, personal safety, checkouts, staff identification — on cameras you already have.	02 AI on cameras and edge devices Video is processed on site: only what needs attention leaves the site.	03 Access control, turnstiles, security entry airlocks Access control for banks and secured zones, card and face access.
04 Perimeter and site video surveillance Design, supply and installation of video surveillance systems.	05 Integration with any system POS systems, 1C and ERP, access control, security monitoring consoles, SIEM, databases, message buses, government databases under an agreement.	06 Audit and design Security audit, network segmentation, encryption, access rights; AI trained further for your tasks; 24/7 support.

Industries

- Fuel stations and fuel networks — ready-made projects: checkout, shifts, anti-fraud, speech analytics, station network control.
- Industry — PPE, hazardous zones, post occupancy, person on the floor, entry checkpoint.
- Healthcare — access control for secured zones, face check-in for booked patients (with the patient's consent), queues, staff safety.
- Banks — security entry airlocks, access control, customer flow, wanted-list checks under an agreement.
- Retail, warehouses, logistics — checkout anti-fraud, shopper flows, receiving and shipping, posts.
- Business centers, offices, facilities — access, perimeter, security, entrance load.

Product line

n7kel AI is trained and tested on ordinary 2D images, so the cameras you already have are suitable. 3D cameras are supported too, if they are already on site or the task requires them.

PRODUCT	PURPOSE	KEY CAPABILITIES
n7kel Vakhta	Staff video analytics	Checkout, PPE, posts, staff identification with consent, safety; events with a frame and video, protected against editing; wanted-list checks under an agreement with government authorities
n7kel Fuel Station Control	Operations control for fuel station networks	Transaction log, receipt reconciliation, digital evidence, cashier kiosk, notifications by e-mail, Telegram and SMS, reports; designed for hundreds of stations
n7kel Antifraud	AI anti-fraud for stores and checkouts	Cashier actions vs. receipts, refunds without a customer, drawer without a receipt, unscanned items, someone else's login, chain-wide analytics
n7kel Voice	Speech-to-text and speech analytics	Any language, priced by the number of languages; service script, forbidden phrases, conflicts, upselling, transcript search
n7kel Flow	Visitor flow analytics	Queues, waiting, time in zones, routes; individual analytics only for customers who have given consent
n7kel Access	Access control	Access control systems, turnstiles, security entry airlocks, face and card access, patient face check-in with the appointment opening automatically

PRODUCT	PURPOSE	KEY CAPABILITIES
n7kel Atlas	Data and task platform	Events from all systems, search, links between people, vehicles, events and places, cases and task distribution between teams

What it looks like

Demonstration data; faces are blurred.

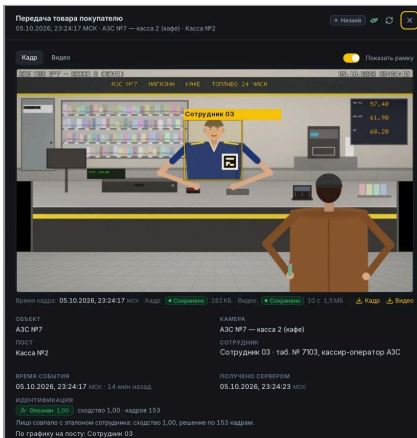


Fig. 01 An event with a frame and review data.

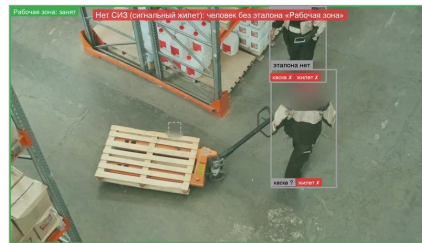


Fig. 02 PPE control on an ordinary camera.

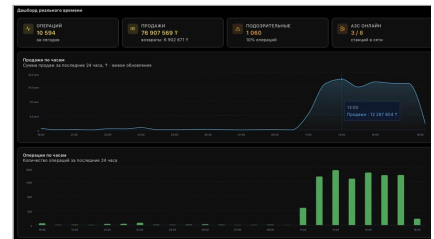


Fig. 03 Fuel station network dashboard.

Security principles

- All data stays with the client, is confidential and is not shared with third parties, except where expressly provided for by the agreement and the law; restrictions are set at the client's request.
- Visitor recognition is off by default and is enabled only on a lawful basis: the person's consent or an agreement with the authorized government bodies; employees only with written consent.
- Raw video never leaves the site; in the autonomous option nothing leaves the site at all.
- Every event is signed and included in a chain of records; evidence is verified independently, without the vendor.
- Role-based access; every view of evidence is recorded in the log.
- The products are designed for the personal data legislation of the client's country; the final legal assessment is made by the client's lawyer.

How a project runs

01**Site survey**

Sites, cameras, network, POS and accounting systems, security requirements.

03**Pilot**

1–2 sites, 2–4 weeks, calibration on your recordings, criteria agreed before the start.

05**Scaling and support**

Rollout across the network, integrations, 24/7 support and updates under the contract.

02**Report on your recordings**

Within 5 working days of receiving the recordings; we sign a non-disclosure agreement in advance.

04**Final report**

Figures against the agreed criteria and “what to change” recommendations.

Contact

n7kel — for projects, demonstrations and partnership. The price is determined after a site survey.

Contact n7kel

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HOURS	24/7 support

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