



NK Cargo

# One logistics platform for cargo from China, the USA and Europe into Ukraine

NK Cargo moves freight into Ukraine by air, sea and road for both businesses and private clients – consolidated shipments, commercial batches and turnkey customs clearance, with a personal manager on every step. Talvex Solutions designed and built the platform end to end: a fast, multilingual marketing site backed by a Node.js API, a 30-minute quote pipeline, shipment tracking, a client cabinet and an internal manager console – running on AWS.

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|-----------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------|
| <b>INDUSTRY</b><br>Logistics / international freight forwarding | <b>MARKET</b><br>Ukraine (imports from China, USA, Europe) | <b>ENGAGEMENT</b><br>Greenfield build, dedicated team   |
| <b>TEAM</b><br>Talvex architects & engineers                    | <b>TIMELINE</b><br>Launched 2026, ongoing development      | <b>CORE STACK</b><br>React · Node.js · PostgreSQL · AWS |

## About the client

NK Cargo is a logistics company based in Dnipro, Ukraine. It organises the delivery of goods from China, the USA and Europe into Ukraine by air, sea and road, working with both businesses and private clients – from a single parcel to full commercial batches. NK Cargo takes on the whole chain: pickup at the supplier, international transport, customs clearance and hand-off inside Ukraine. Clients get one point of contact – a personal manager who knows where their cargo is at any moment. Talvex built the platform that runs all of this: the public site, the quote pipeline, shipment tracking and the internal tools behind it.

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## Project info

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|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FRONTEND       | React + TypeScript. A responsive, multilingual (Ukrainian + language switch) marketing site with animated, reveal-on-scroll sections and a clear services / routes structure. |
| BACKEND        | Node.js (TypeScript) API on <b>PostgreSQL</b> — one source of truth for quote requests, shipments and client records.                                                         |
| QUOTE PIPELINE | A "30-minute quote" request flow: a structured form (route, cargo type, contacts) that feeds straight into the manager queue.                                                 |
| TRACKING       | Per-shipment status pipeline — from supplier pickup to hand-off in Ukraine — surfaced to the client through their personal manager.                                           |
| INTEGRATIONS   | Telegram, Viber and WhatsApp deep links, click-to-call, email and Google Maps routing; groundwork for supplier payments (SWIFT, CNY).                                         |
| CLOUD / INFRA  | AWS — CloudFront-served frontend, a containerised Node.js API, managed PostgreSQL and CI/CD, scaling independently.                                                           |
| LOCALISATION   | Ukrainian-first with a language switch, and the local logistics context throughout — routes, customs, ports and a Dnipro office.                                              |

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## Needs and challenges

NK Cargo needed more than a brochure site. It had to turn visitors into quote requests, explain a genuinely multi-modal service clearly, build trust quickly, and give the team one place to run quotes and shipments — instead of spreadsheets and scattered chats.

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Turn visitors into quotes</b><br>The site had to convert, with a fast, low-friction "30-minute quote" as the primary action rather than a generic contact form. | <b>Explain a multi-modal service</b><br>Air, sea and road plus customs, across three routes (China / USA / Europe), for both B2B and private clients — made simple to grasp. |
| <b>Build trust fast</b><br>Freight is high-stakes: transparent pricing, a personal manager, verified partners and real testimonials had to be front and centre.    | <b>One operational source of truth</b><br>Quotes, shipments and clients had to live in one system the team could actually run — not in spreadsheets and messenger threads.   |
| <b>Keep clients informed</b><br>Per-shipment status so the personal manager — and the client — always know where the cargo is, end to end.                         | <b>Fast, localised, low-cost</b><br>A quick multilingual site and a scalable API that is cheap to run and grows with shipment volume.                                        |

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## The solution

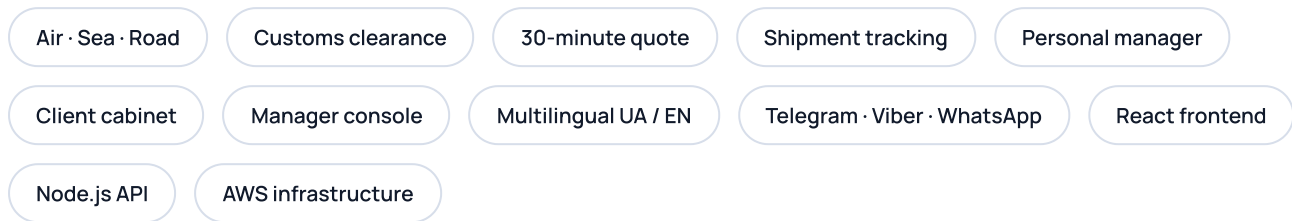
We built NK Cargo as a platform, not just a landing page. A fast React front end presents the service — routes, transport modes, customs, process and testimonials — and drives every visitor toward one action: a 30-minute quote. That request flows into a Node.js / TypeScript API on PostgreSQL, where it becomes a lead in the manager queue and, once a shipment starts, a tracked record from supplier pickup to hand-off in Ukraine. The personal manager works from that single source of truth and keeps the client updated across Telegram, Viber and WhatsApp. Everything runs on AWS, with the front end served from CloudFront and the API and database scaling independently.

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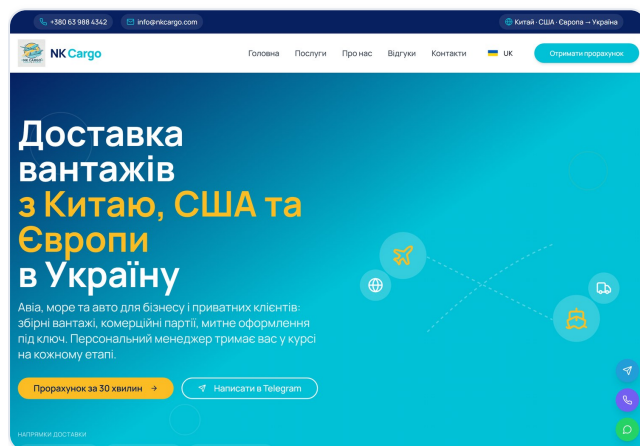
## Delivered work

|                                             |                                                                                                                                                          |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Marketing website</b>                    | An animated, multilingual landing with services, delivery routes, an about section, a how-we-work block, client testimonials and a quote CTA throughout. |
| <b>30-minute quote pipeline</b>             | A structured quote-request form — route, cargo type and contacts — that feeds straight into the manager queue via the Node.js API.                       |
| <b>Shipment tracking</b>                    | Per-shipment status records, from supplier pickup to hand-off in Ukraine, surfaced to the client through their personal manager.                         |
| <b>Client &amp; manager data model</b>      | Quotes, shipments and client records unified in one PostgreSQL source of truth the team runs day to day.                                                 |
| <b>Service &amp; route catalogue</b>        | Air, sea (LCL / FCL) and road, plus turnkey customs clearance, across China / USA / Europe → Ukraine for B2B and private clients.                        |
| <b>Messenger &amp; contact integrations</b> | Telegram, Viber and WhatsApp deep links, click-to-call, email and a Google Maps route to the Dnipro office.                                              |
| <b>Trust content</b>                        | Transparent-pricing and personal-manager messaging, verified-partner notes and real client testimonials from B2B and private shippers.                   |
| <b>Node.js API on AWS</b>                   | A TypeScript service on PostgreSQL, deployed to AWS with CI/CD, that scales independently of the front end as volume grows.                              |

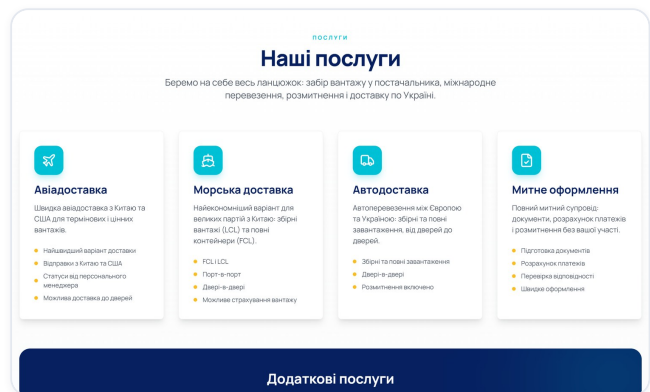
## Product highlights



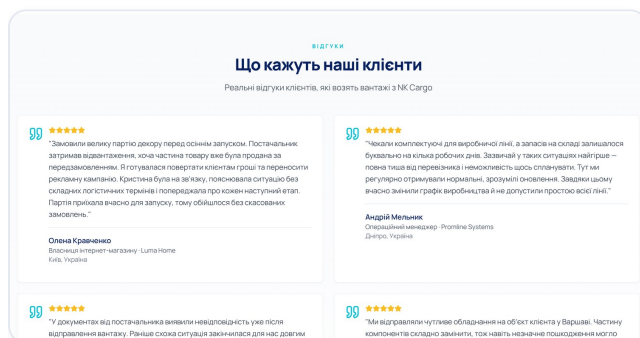
## Inside the product



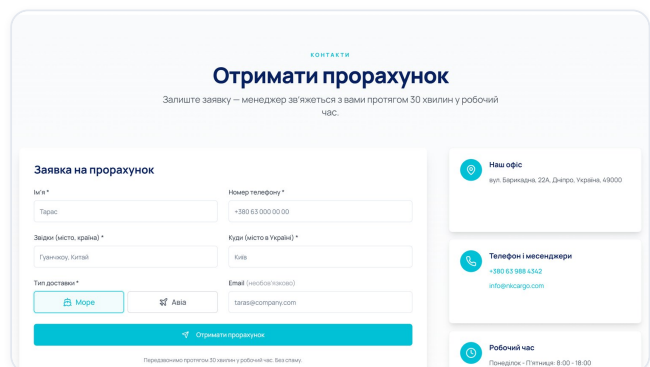
**Landing** — freight from China, the USA and Europe into Ukraine, with a 30-minute quote as the primary action.



**Services** — air, sea (LCL / FCL), road and turnkey customs clearance, explained at a glance.



**Client testimonials** — real reviews from B2B and private shippers across Ukraine and the EU.



**Quote request** — a structured 30-minute quote form feeding straight into the manager queue.

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## Business value

**More quotes, less friction.** A fast "30-minute quote" turns anonymous visitors into real leads in the manager queue.

**Clients stay informed.** Per-shipment tracking keeps the personal manager and the client in sync from pickup to delivery.

**Reaches every client.** Multilingual UA / EN and messenger-first contact match how clients actually get in touch.

**One operational source of truth.** Quotes, shipments and clients live in one system instead of spreadsheets and scattered chats.

**Trust that converts.** Transparent pricing, verified partners and real testimonials are front and centre, not buried.

**Built to scale.** React and a Node.js API on AWS grow with shipment volume without a rewrite.

### WHAT THE CLIENT SAYS

"Talvex built us one system that actually runs the business — the site brings in quotes, and our managers track every shipment in the same place. It looks the part and it just works."

[Owner name] · Owner, NK Cargo

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## Conclusion

NK Cargo now has a single platform behind its business: a fast, multilingual site that turns visitors into 30-minute quotes, and a Node.js backend on AWS where those quotes become tracked shipments a personal manager runs end to end. Talvex delivered it from the ground up — front end, API, tracking and infrastructure — and continues to extend it as NK Cargo grows.

**Have a product to build? Talk to Talvex Solutions.**

Tell us what you're building and we'll come back with a team, a plan and a timeline. [hello@talvex.solutions](mailto:hello@talvex.solutions)

