



nag[®]
Follow the Expert

SYSTEM INTEGRATION

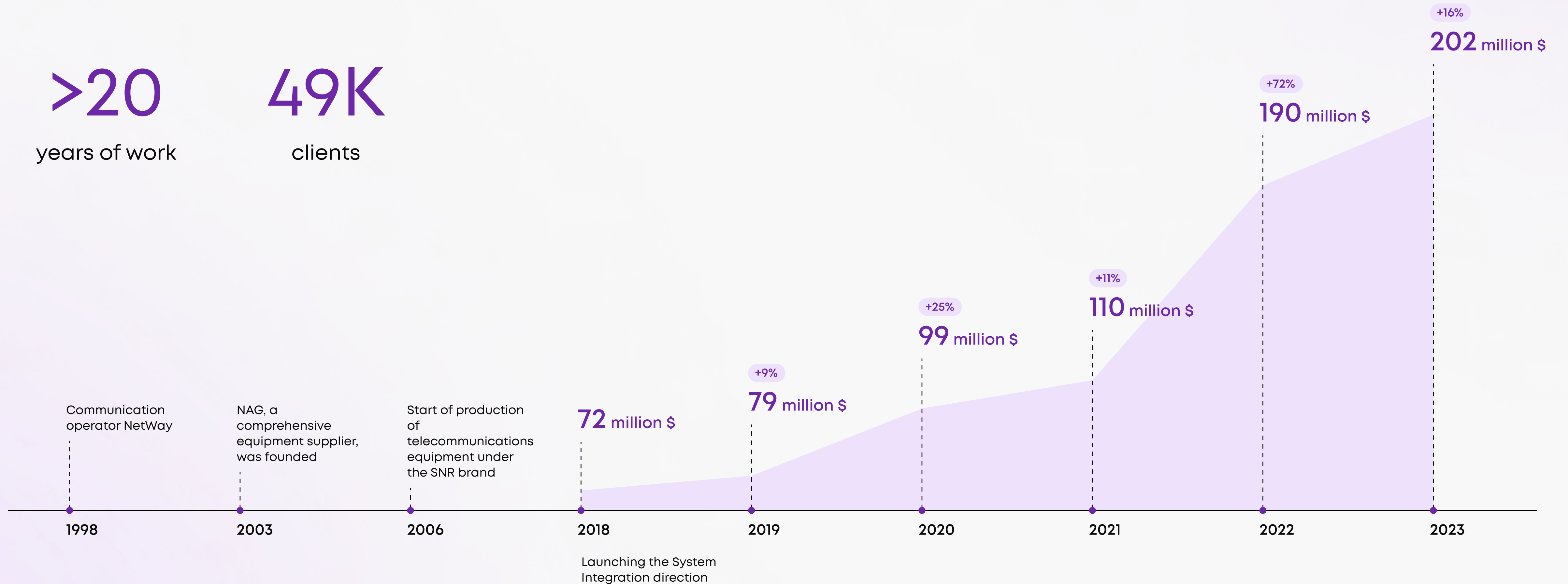
CONNECT, SCALE, MANAGE with NAG

NAG HISTORY

NAG is a leading telecom and IT solution provider representing a 20-year history of expertise. Since 2003 NAG has served for customers in 25+ countries in CIS and Middle East regions.

>20
years of work

49K
clients



OUR ACHIEVEMENTS

> 100

large integration projects
in the field of IT,
telecommunications and
security

> 15_{MW}

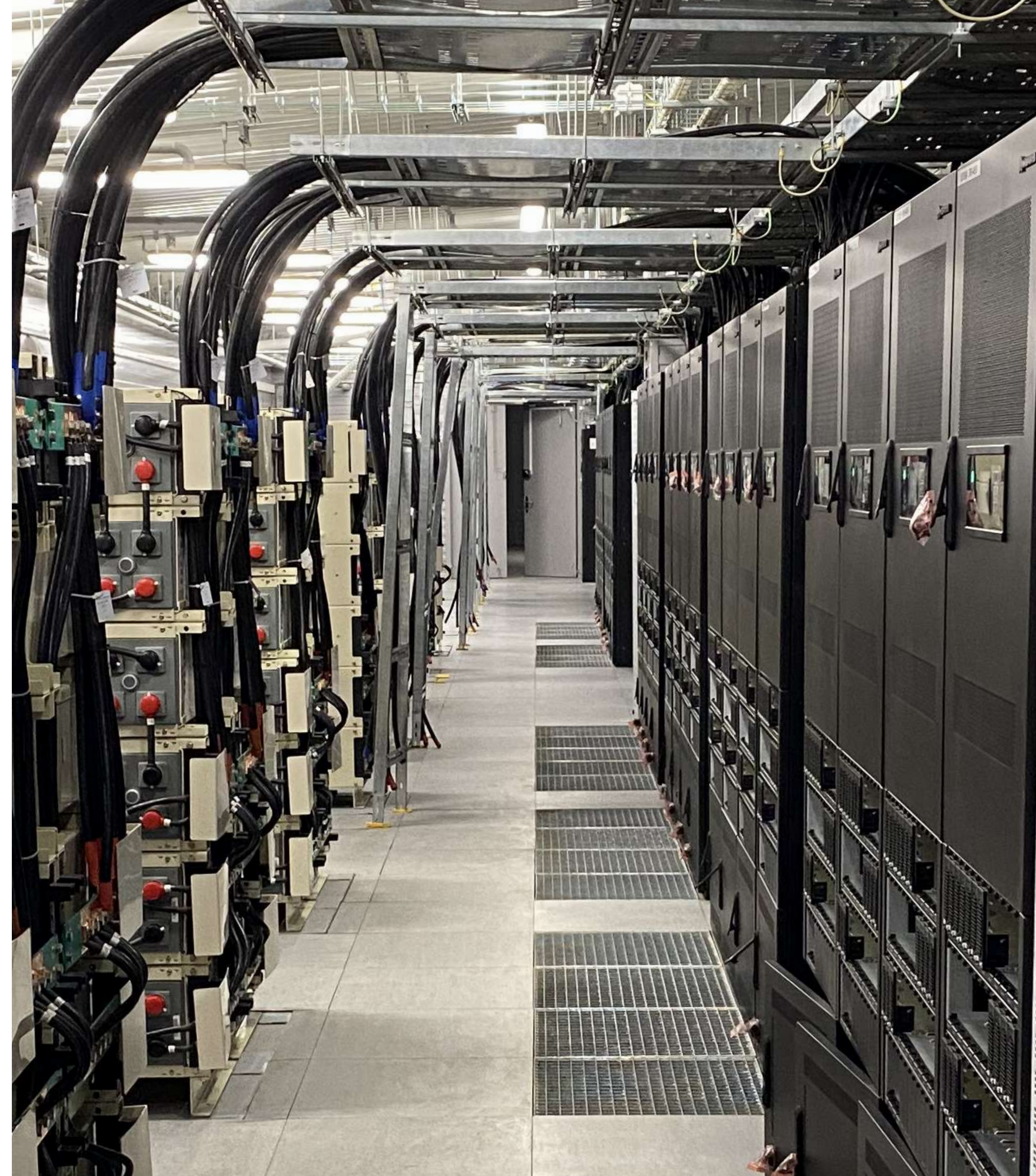
data center capacity
delivered into
operation

> 70

customer training and
company employees in
year

> 2000

consultations with
involving experts
in year



MAIN DIRECTIONS



ENGINEERING INFRASTRUCTURE

Turnkey data center

Container/modular data center

Air conditioning systems

Uninterruptible and guaranteed power supply systems Isolated corridor systems

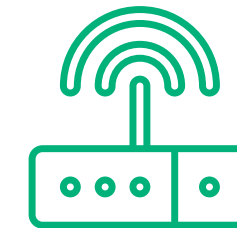
Low-voltage complete device (LVD)



POSITIONING SYSTEMS and RFID

Complex of production process automation systems Systems for industrial enterprises

Systems for warehouse complexes and logistics centers



COMMUNICATION NETWORKS

Turnkey PON

Turnkey IP telephony

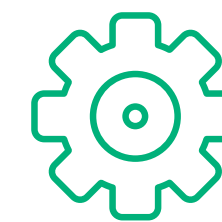
Intelligent video surveillance

Video surveillance - design and integration

Structured cabling systems and fiber optics Turnkey

local network

Radio planning and wireless SPD



SERVICES

Design

Construction and installation works Commissioning works

Infrastructure audit

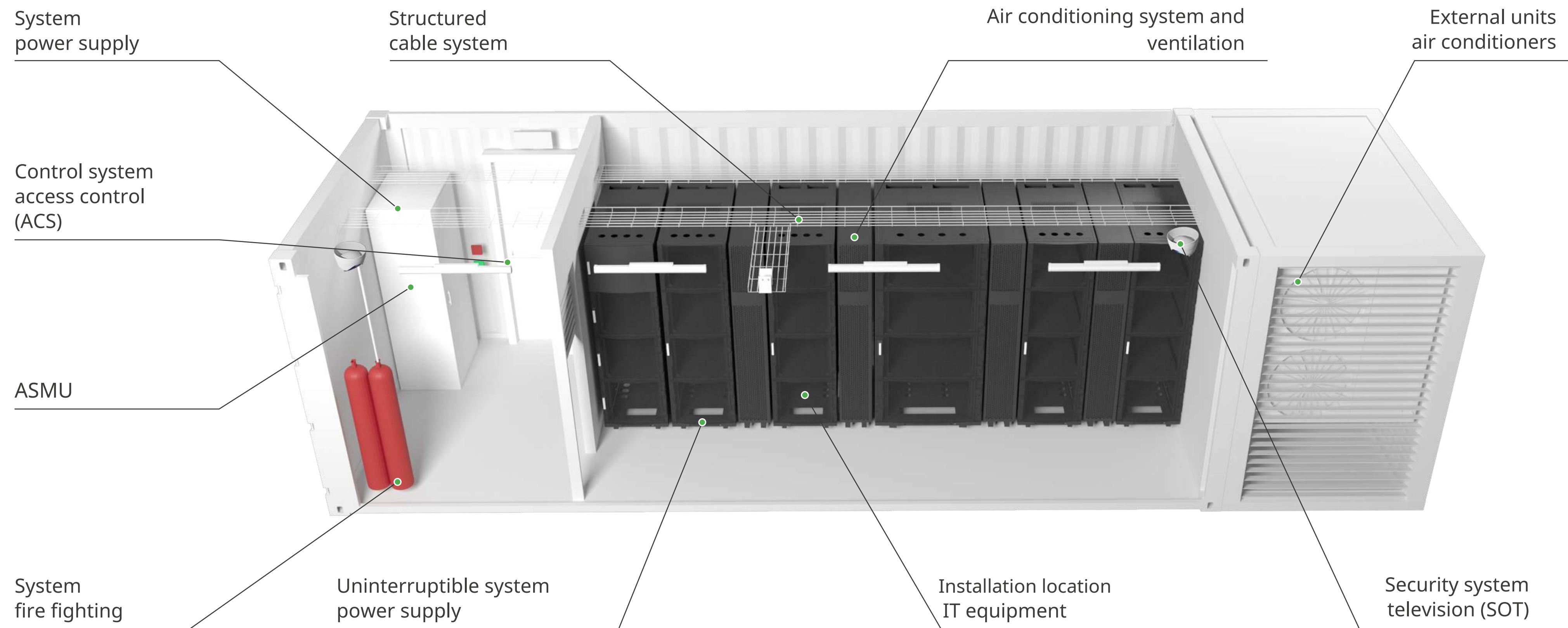
Engineering infrastructure

DATA CENTER ENGINEERING SYSTEMS COMPOSITION

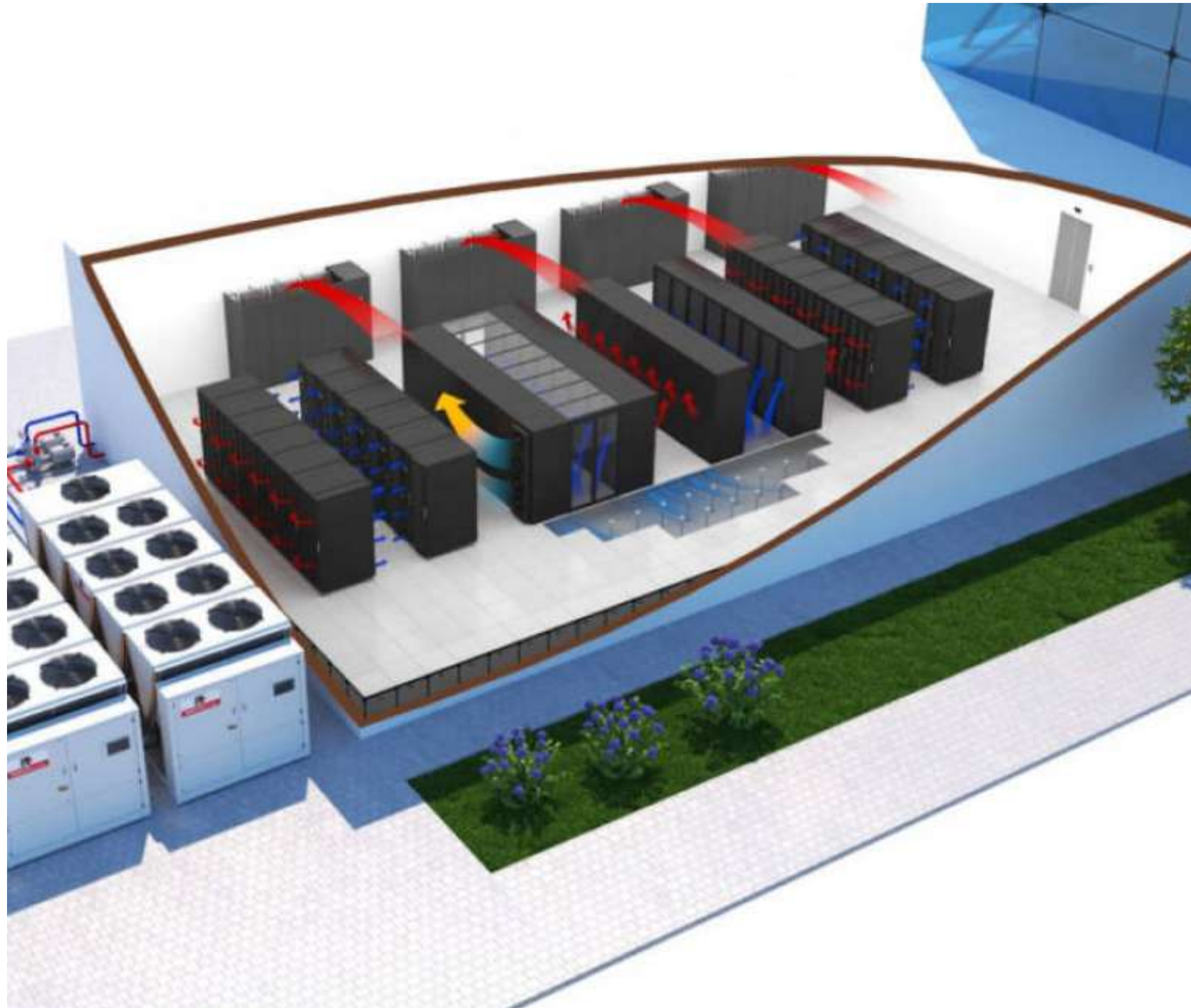


CONTAINER / MODULAR DATA CENTER

CONTAINER DATA CENTER ENGINEERING SYSTEMS:



AIR CONDITIONING SYSTEMS



SOLUTION

For small data centers with up to 50 racks, cooling systems based on freon air conditioners are most advantageous. Water systems and free cooling for small objects are unnecessarily bulky, and their energy savings in absolute terms are too small;

In a medium-sized data center, all three types of air conditioning systems seem optimal. However, free cooling is still rarely used at such facilities, and freon and water systems form a kind of gradient transition: the larger the data centers, the more often they use water rather than freon cooling;

Finally, in large and mega data centers, freon systems are rare. Previously, such facilities were equipped with chillers; today, they are increasingly cooled using free cooling.

BENEFITS OF WORKING WITH NAG

Competence in the field of design and construction of precision air conditioning systems;

Selection of the most effective technical solution;

Compatibility with a wide range of vendors hardware;

Warranty and service.

GUARANTEED POWER SUPPLY SYSTEMS / DGS



SOLUTION

Ensuring long battery life (without external power supply); Possibility of using a public network (in the field, in the forest);

Ability to carry out maintenance of the uninterruptible power supply system. During the UPS shutdown, the load must be protected from a possible power outage (the diesel generator set is running, not the city network).

BENEFITS OF WORKING WITH NAG

A comprehensive turnkey solution for organizing a general power supply infrastructure (for example, as part of the construction of a data center);

Highly qualified team;

High level of project implementation;

Service and support;

Commissioning works.

UNINTERRUPTED POWER SUPPLY SYSTEMS / TURNKEY UPS



SOLUTION

Ensures stable and safe operation of equipment in case of problems in the network: complete absence of voltage and voltage dips, high-voltage pulses, interference, etc.;

Possibility of gradual development of infrastructure using modular solutions. Increasing power as needed by adding power modules and installing the chassis in parallel operation;

These are cost effective solutions;

This is a reliable uninterruptible power supply system that provides protection in emergency and emergency situations;

The equipment is easy and convenient to install.

BENEFITS OF WORKING WITH NAG

A comprehensive turnkey solution for organizing a general power supply infrastructure (for example, as part of the construction of a data center);

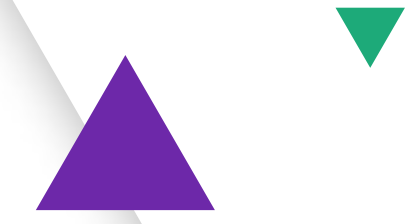
Highly qualified team;

High level of project implementation;

Service and support;

Commissioning works.

ISOLATED CORRIDOR SYSTEMS



SOLUTION

- More efficient than traditional central air conditioning - up to 50% energy savings;
- Modular, scalable, expandable design;
- The optimal solution for cooling large and medium-sized data centers equipped with precision air conditioners.

BENEFITS OF WORKING WITH NAG

- A comprehensive turnkey solution for organizing data center infrastructure;
- Highly qualified team;
- High level of project implementation;
- Service and support;
- Commissioning works.



SOLUTION

NKU are completely assembled by the manufacturer within a single structure with all electrical and mechanical elements;

Supplied with a complete set of necessary documentation.

BENEFITS OF WORKING WITH NAG

Individual configuration;

Only high-quality and proven components;

Compatibility with a wide range of vendors hardware;

Commissioning and commissioning work is carried out by highly qualified company employees;

Warranty for equipment and work.

Communication networks

PON TURNKEY



SOLUTION

Saving fiber in optical cable;

PON more often uses passive equipment, which reduces installation, maintenance and operating costs;

The solution uses light signals instead of electrical signals, which avoids electromagnetic interference;

It's environmentally friendly - Passive optical networking uses less power than other networking technologies, making it more energy efficient, reducing its environmental impact.

BENEFITS OF WORKING WITH NAG

Possibility of designing a PON network taking into account further scaling;

Selection of the optimal solution taking into account the customer's needs;

Calculation of the optical budget, forecasting risks and problems in network sections;

Favorable prices for equipment from our company;

Branding of client devices and telecommunication cabinets;

Single point of entry for all startup and maintenance issues.

TURNKEY IP-TELEPHONY



SOLUTION

Telephony allows you to quickly and conveniently contact other people, business partners or clients;

It is possible to use portable devices such as mobile phones or tablet computers;

Using telephony in business helps create a fast and efficient communication system, which improves solutions to business problems and reduces response time to important requests;

Conference calls and line sharing within the office or between branches reduce the cost of telephone calls;

The telephone exchange provides many convenient features such as call forwarding, group calling, answering machine, waiting system, etc.

BENEFITS OF WORKING WITH NAG

We select compatible equipment and software;

We design a numbering plan, a diagram of connection and operation of telephony;

We carry out installation and commissioning of equipment supplied by us;

We connect and configure additional services (video conferencing, call recording, integration with CRM, 1C and others);

We provide NBD warranty and technical support for the solution.

INTELLIGENT VIDEO SURVEILLANCE



SOLUTION

- Reducing the load on the video surveillance system operator;
- Increasing the level of facility safety and the efficiency of using security system equipment;
- Expanding the range of business problems solved;
- Reduced reaction time to events;
- The ability to predict emergency situations based on learning and analysis mechanisms.

BENEFITS OF WORKING WITH NAG

- Exclusive conditions and the ability to protect a project on TMOMNY equipment together with solutions from Macroscop;
- Expertise in the implementation of intelligent video surveillance projects;
- Close interaction with a wide range of developers and manufacturers of software and hardware for video analysis allows us to select solutions for objects of any scale and budget;
- Possibility of preparing and implementing a turnkey solution;
- Possibility of "customizing" equipment to customer requirements.

VIDEO SUPERVISION - DESIGN AND INTEGRATION



SOLUTION

Reduced costs (financial and time) for installation and maintenance, thanks to the optimal location, configuration and functionality of system components;

Increasing the efficiency of equipment and the system as a whole;

The level of security of the facility increases, and the introduction of integrated security systems is additional;

Reduces the load on the system administrator/operator;

Reduces the cost of false positives;

Minimizes reaction time to events;

Allows you to create complex object management scenarios.

BENEFITS OF WORKING WITH NAG

The opportunity to start a dialogue at any stage of the object's readiness - we will select analogues for a finished project or offer its development;

Integrated turnkey solution - we will advise, help formulate technical specifications, design, supply equipment, install and commission the system;

Project protection - being a manufacturer of a whole range of equipment, we ensure compliance with the design policy and the possibility of completing a "single-vendor" solution;

Warranty and service - a network of our own service centers;

Competencies - our own design bureau and staff of specialists allow us to solve non-standard problems, as well as offer the most optimal approaches to solving the business problems of our customers.

STRUCTURED CABLE SYSTEMS AND FOCL



SOLUTION

Flexibility: Cable network is typically used for data networks, audio and video signals;

Reliability: A network with structured cabling is less susceptible to communication failures;

A structured cabling system allows you to optimize the installation and management of all connections in the enterprise;

SCS allows you to conveniently expand the network and add new devices with a reliable and fast connection to the network;

The solution allows you to increase the efficiency of the enterprise as a whole, ensure reliable communications and protect information.

BENEFITS OF WORKING WITH NAG

We help with the preparation of technical specifications;

We carry out an inspection of the customer's facility by our employees;

We provide a specification or technical and commercial proposal (TCP);

Installation of cable routes, embedded, electrical and low-current cabinets;

We carry out commissioning work;

We test and certify cable systems.

LOCAL NETWORK TURNKEY



SOLUTION

Organization of shared access to global (Internet) and local resources and services of the enterprise;

Scalability and flexibility of use - it is possible to add/connect a device to the network anywhere in the enterprise;

Versatility in use - on the basis of a LAN, data transmission networks (DTN), video surveillance systems (VS), access control systems (ACS), etc. are deployed.

BENEFITS OF WORKING WITH NAG

Providing a full range of services for organizing a LAN, including auditing the existing network, project development, installation, supply of equipment and commissioning;

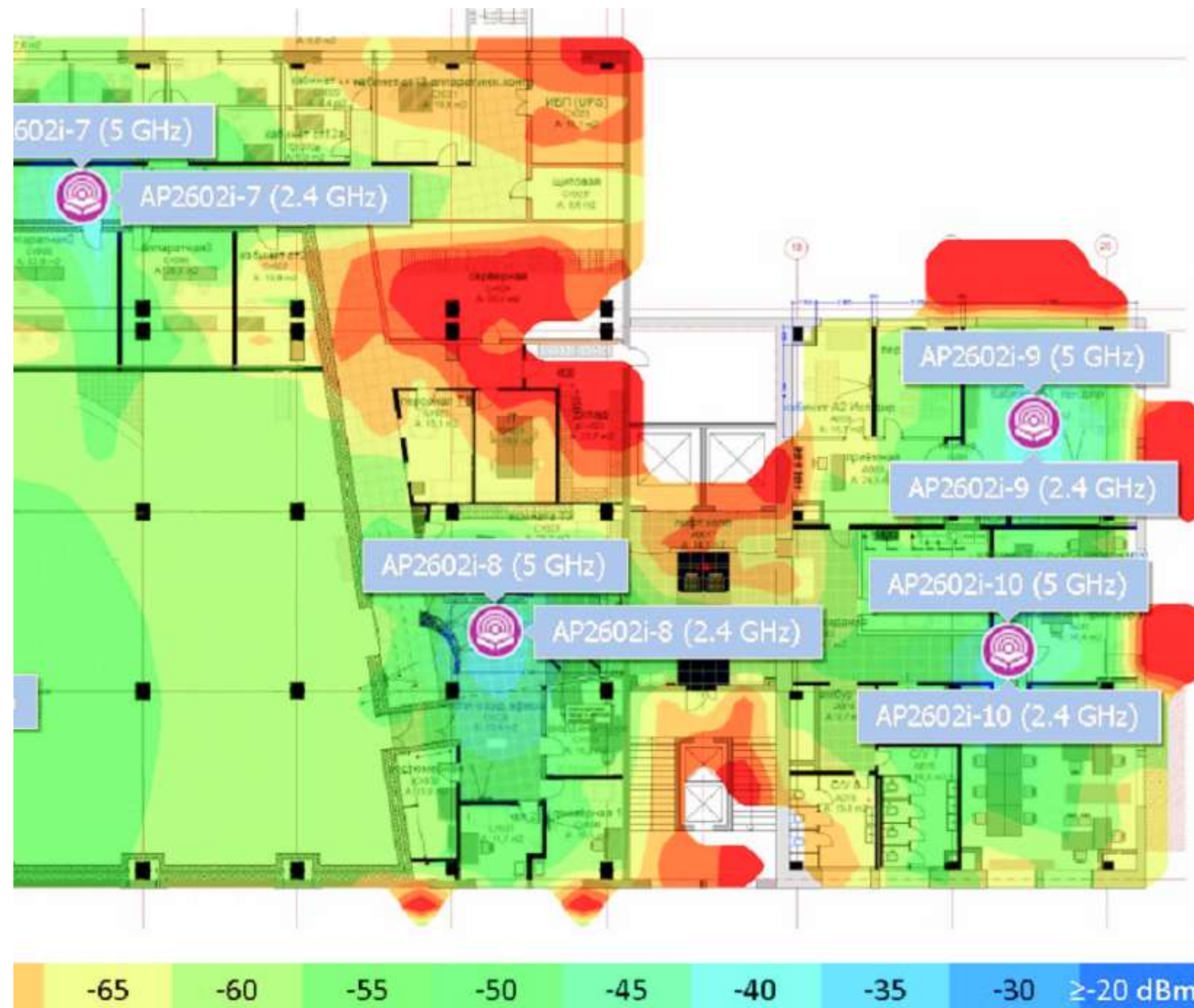
Opportunity to purchase not only passive components (SCS), but also active equipment (switches, routers, firewalls);

A proven supplier with a 20-year history of work in the telecommunications industry and experience in supplying IT equipment from leading manufacturers;

Possibility to obtain an extended or NBD warranty for equipment;

Experience in implementing large complex projects from scratch.

RADIO PLANNING AND WIRELESS DTP



SOLUTION

Radio planning reduces the cost of building a network, allowing you to select the minimum required amount of equipment to achieve better efficiency

Carrying out radio planning allows you to estimate the required material costs for creating a Wi-Fi infrastructure even before the start of construction

Organization of a wireless network provides

Efficiency of infrastructure deployment

Equipment mobility

Comfort during use

BENEFITS OF WORKING WITH NAG

Providing a full range of services for the deployment of a wireless data network, including radio survey/planning using TM Ekahau tools, project development, installation, equipment supply and commissioning

Development of a solution taking into account security requirements, integration with related systems based on experience and competencies in the implementation of complex turnkey projects

A trusted supplier with a 20-year history of work in the telecommunications industry and experience in supplying IT equipment from leading manufacturers

Wide selection of equipment for building networks of any level from “small business” to “enterprise”

Positioning systems and RFID

POSITIONING SYSTEMS



SOLUTION

Creation of 2D and 3D maps, visualization of the location of the necessary equipment and products in real time;

Interaction with information systems with the ability to generate tasks for operators;

Collecting statistics and creating health cards for many indicators helps improve productivity by optimizing the use of resources;

Providing the exact location of people, equipment and other assets, allowing you to manage them more efficiently and save time searching for them;

The solution helps increase workplace safety by preventing unexpected events and the proximity of assets.

BENEFITS OF WORKING WITH NAG

Development of concepts, system-wide, technical and design solutions;

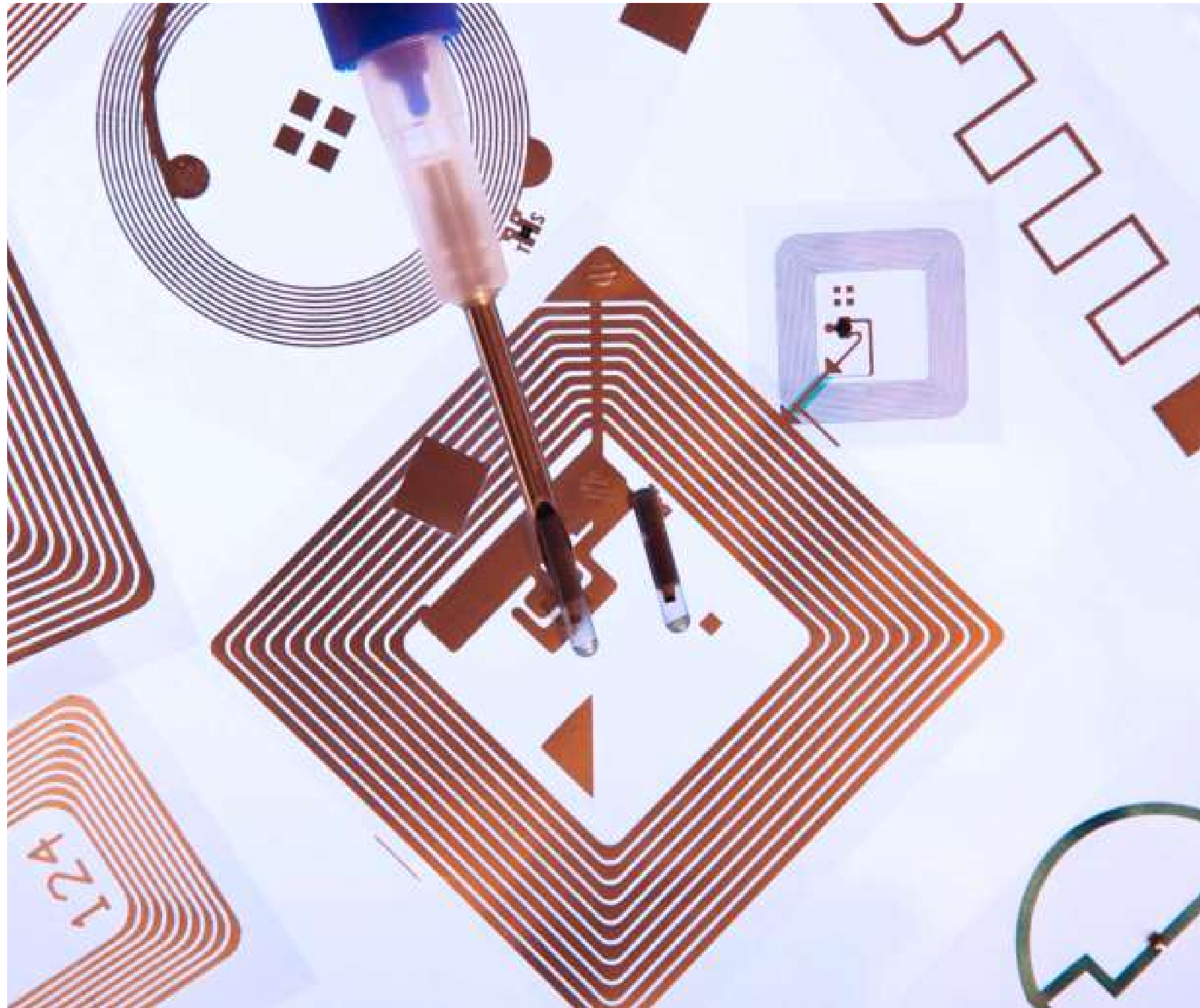
Development of working documentation, estimate documentation, cost estimates for construction and installation work, commissioning, coordination of documentation with the customer;

Construction and installation works;

Deployment of system and application software;

Commissioning works;

Training.



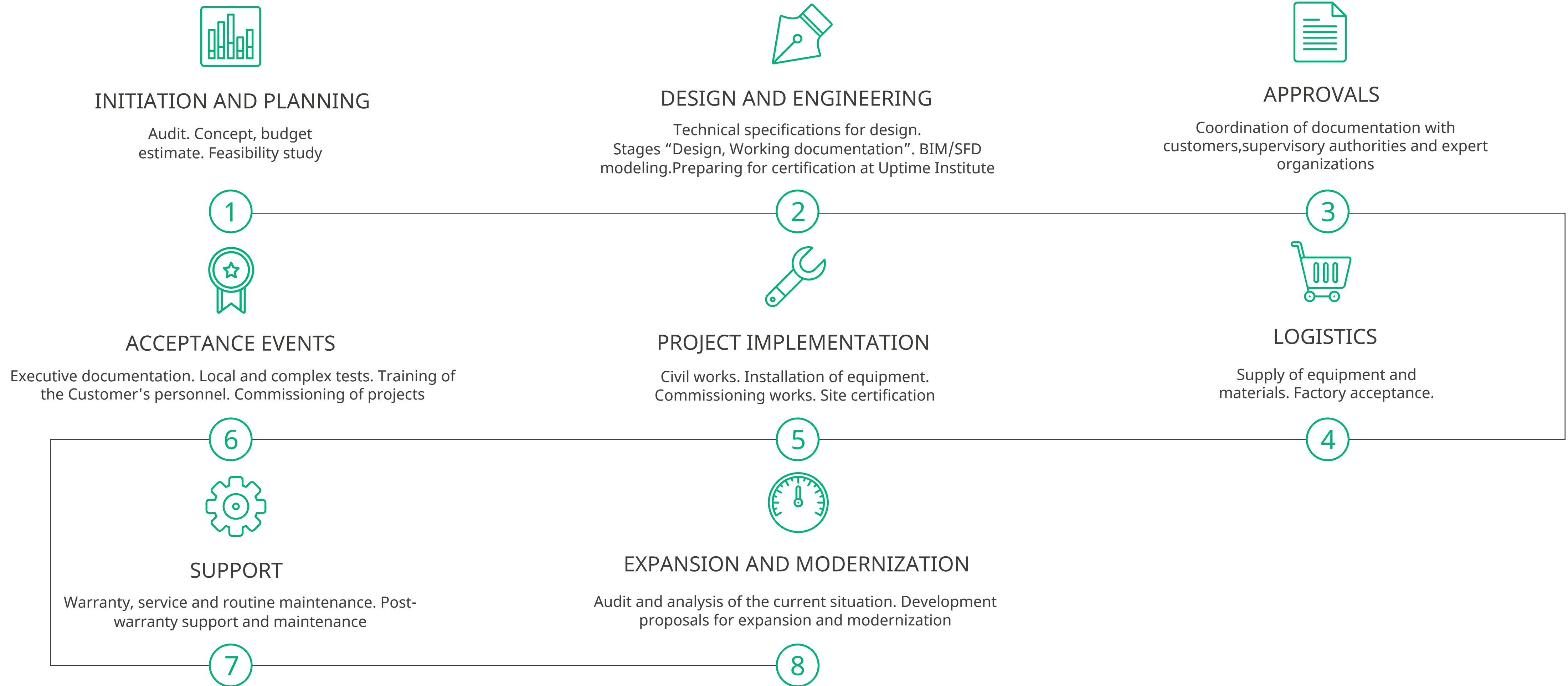
SOLUTION

- Possibility of rewriting;
- No need for line of sight;
- Longer reading distance;
- Larger data storage capacity;
- Support reading multiple tags;
- Reading tag data at any location;
- Environmental resistance;
- Multi-purpose use;
- High degree of security.

BENEFITS OF WORKING WITH NAG

- An individual approach focused on the most effective solution to the customer's business problems;
- Highly qualified team;
- Responsibility for results and customer satisfaction;
- Reliability. We apply global practices and advanced technologies.

IMPLEMENTATION CYCLE



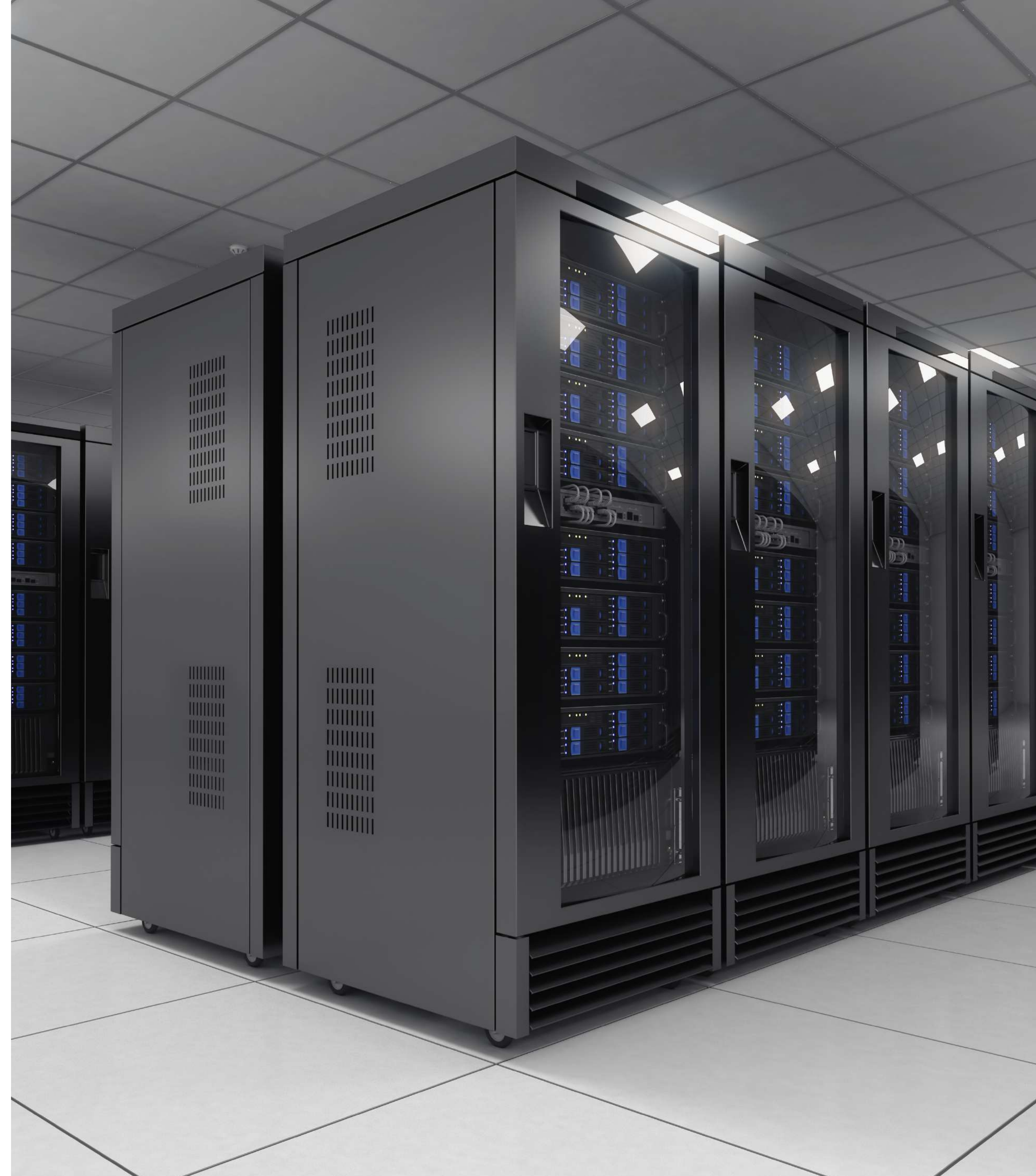
OUR CAPABILITIES - YOUR BENEFITS

Are you planning to implement an IT project? There is a high probability that we have already encountered a similar problem. It is possible that we had to repeat the solution several times, on different scales and with a set of nuances characteristic of certain conditions and areas of the Customer's activity.

We can take on the work on your project, from creating a roadmap, pre-project survey, to carrying out the next planned upgrade of the entire system. You do not need to create a database of project partners, look for suppliers of compatible equipment, or monitor the development of the technology market - just contact NAG.

Our technicians regularly undergo training from the world's leading equipment manufacturers and suppliers. A large flow of projects provides our employees with practical experience and expertise.

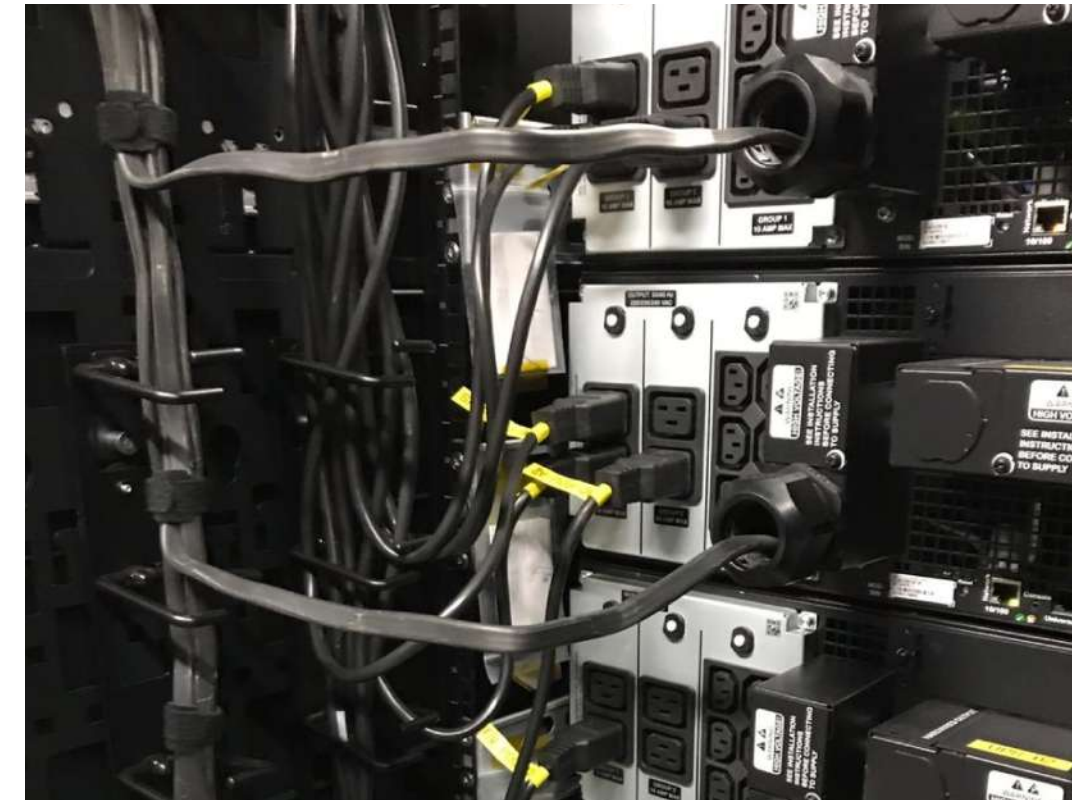
By collaborating with NAG, you have at your disposal the resources and guarantees of one of the largest providers of solutions in the field of IT, telecommunications and security. The NAG team is ready to implement your projects, minimizing costs and risks, while ensuring compliance with international standards



OUR EXPERIENCE



OUR EXPERIENCE



CERTIFICATES



ISO 9001-2015
Certificate of quality
management
system



Accredited
Tier Designer



Certified products
CE, RoHS

GEOGRAPHY OF NAG



○ NAG OFFICES

Dubai (UAE)

Almaty (Kazakhstan)

Tashkent (Uzbekistan)

○ NAG LOGISTICS CENTERS

Shanghai (China)

Washington (USA)



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