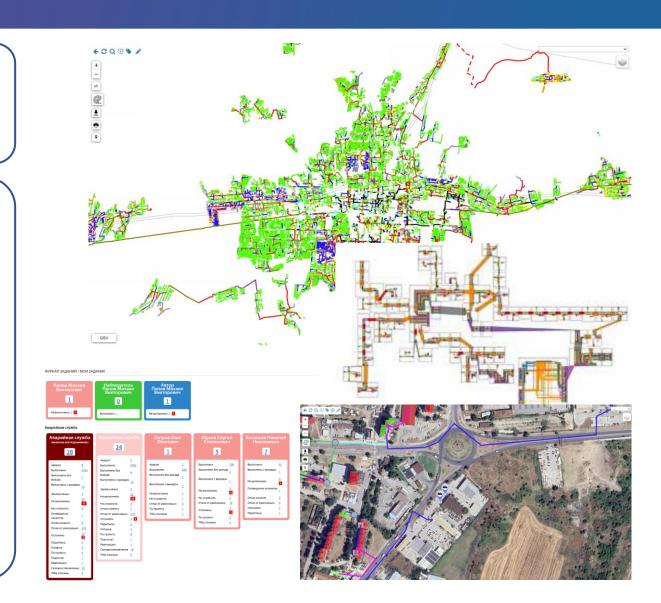


USERSIDE.BUSINESS • WHAT IS THIS?

A web-based software complex for effective management of many processes in the company

Why do you need Userside.Business:

- Interactive map unlimited unless number of objects of your network or infrastructure in the single map where you can see everything by type, level, location, etc.
- Do-it-yourself approach choose the modules you need from the available ones to provide ensure monitoring and accounting for your company.
- All in one replace many different software, each of which separately covers accounting, work performance, documentation, etc. and bring it all into one reliable interface.
- Information is always at hand service is available from both web and smartphone or tablet, so you can access what matters most whenever you need it.
- Data security is a priority no cloud storage, all your data stays within your customized digital infrastructure.
- Support and development Userside. Business has a reliable support service that will help with the aspects of operational and setup process. The product is actively updated and supported to meet the standards of modern secure digital solutions.



OPPORTUNITIES / COMPONENTS OF USERSIDE.BUSINESS

FULL CONTROL OF THE INFRASTRUCTURE

A product feature of a software product that allows administrators and users to account for, manage, monitor and configure any cable lines, equipment, facilities, technological objects.



EQUIPMENT ACCOUNTING

Functionality that allows you to keep records and control over the hardware used in the enterprise.

DYNAMIC INTERACTIVE ONLINE MAP

A software product that provides users with the ability to view and interact with equipment overlaid on map data in real time via a local network or the Internet.



THE ALL-ROUNDER

All objects and sections of the product are deeply interconnected, providing more options for solving problems.

CUSTOMER/STUDENT/PATIENT/ANYONE BASE

A function of a software product that allows you to store and manage information about customers, perform related work, and accumulate interaction history.



DATA SECURITY AND CONFIDENTIALITY

Important properties of a software product that ensure the protection and confidentiality of information stored and processed by the application. Access to data can be divided both functionally and geographically.

The system is adapted to work from a computer, tablet and smartphone from anywhere in the world. Accessibility and low entry threshold for users: a simple, friendly and intuitive clear interface does not require lengthy staff training to use.

USERSIDE.BUSINESS WHAT IS THIS?

SIGNIFICANTLY LOWER PRICE

There are large international analogues that have a high price tag, and not many companies can afford such solutions.



17 YEARS OF EXPIRIENCE

We have created this niche in the telecoms sector ourselves, and we are constantly improving in our work with 1200+companies from 23 countries, and now we offer our skills in other sectors of the economy.



Reliable protection of your data: no cloud solutions (THIS IS AN ADVANTAGE!). The data is stored on your server and only you manage it.





INTEGRATION

The product has an extensive API and allows for mutual integration with third-party applications and equipment.

DATA HANDLING

We can quickly process and display a large number of interactive objects. 200 thousand or 1 million or more is not a problem.



REPUTATION

A large number of clients and long-term contracts, experience of high-quality implementation, support and technical support of various profiles and levels - such contractors do not fail and do not disappear.



FOR WHOM USERSIDE.BUSINESS?



LARGE CHAIN COMPANIES

Chain stores, pharmacies, banks, postal companies with an extensive structure across the country/region.



MANUFACTURING ENTERPRISES

Plants, factories, and complexes.



SMART CITY / SAFE CITY

Local government bodies.



ELECTRIC TRANSPORT

Trolleybuses, trams, taxis with networks of intermediate equipment.



COMMUNAL / MUNICIPAL INSTITUTIONS

Cities, administrations, municipalities, enterprices.



TRANSPORT NETWORKS

Roads, railways, gas transportation, electricity distribution companies, etc.



STORAGE AND LOGISTICAL COMPANIES

With a large number of premises, transport and communications.



RESIDENTIAL AND HEALTHCARE COMPLEXES

Large hotels, hospitals/clinics, recreational complexes, gardening associations.



AGRICULTURAL COMPANIES

Agricultural holdings, farms with large fleets of machinery, land and premises.



EDUCATIONAL INSTITUTIONS

Educational institutions with many buildings and a powerful communication and technology system.



FOR EVERYONE ABSOLUTLY

With a complex organisational structure, a large amount of equipment and an extensive communication system.



LARGE CHAIN COMPANIES

Specificity:

Postal companies, banks, chain stores, pharmacies, retailers, petrol stations, etc. - any business with multiple points of presence, and therefore an extensive office structure across the country/region.

Userside.Business solutions:

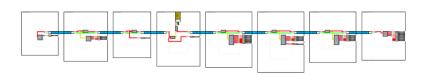
Placement and management of all objects/outlets on the map. Accounting, monitoring
of equipment at each facility, placement of cables, surveillance cameras, etc., which
simplifies control over the system's health and provides instant access to information
on a specific facility.













SMART CITY/ SAFETY CITY

Specificity:

Municipalities and administrations at different levels.

Userside.Business solutions:

- Placement and management of all objects/outlets on the map.
- Accounting, monitoring of equipment at each facility, placement of cables, surveillance cameras, etc., which simplifies control over the system's health and provides instant access to information on a specific facility.



Example:

"Vinnytsia Information Centre" has implemented UserSide and launched the Safe City system, which includes accounting and management of video surveillance infrastructure, data recording and management.







COMMUNAL / MUNICIPAL INSTITUTIONS

Specificity:

Utility services - institutions and enterprises in cities. Various departments and divisions of municipalities, cities and administrations of various levels.

Userside.Business solutions:

Organisation of the work of dispatch centres and support/operational services (by type 1580) - subscriber requests, accounting, operation and tracking of emergency crews, etc.

Accounting for communications, wells, poles and other elements of the infrastructure elements.

- Traffic lights and other related facilities.
- Accounting for municipal power grids, including the organisation of a call centre and emergency crews.
- Warning networks (civil defence, air raid sirens, etc.).



Example:

Chernivtsi City Council has implemented UserSide to support the work of the municipal contact centre 1580 to organise the reception of applications from from the public and to carry out emergency and routine maintenance. Using the product allows you to perform the following tasks in a short time and at minimal cost.







TRANSPORT NETWORK

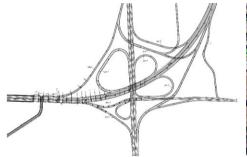
Specificity:

Road companies (motorways), gas transmission and distribution companies, railways, etc.

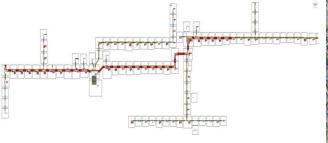
Userside.Business solutions:

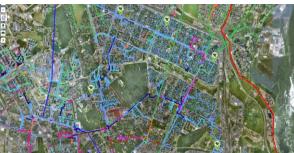
- Accounting for cable facilities and communication lines, both owned and leased.
- Accounting for transport networks.
- Accounting and tracking of special-purpose machinery.
- Tracking and management of emergency and work crews.
- Map including visualisation, indication of infrastructure elements, etc.
- Comprehension of the intersection of different networks within the road sectormain communication cables, electricity, gas networks, etc. - for effective planning of various types of related works.
- Handling object statuses, lease management, etc.













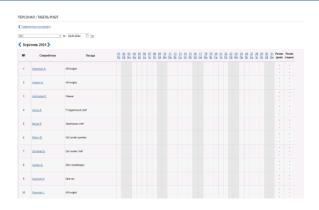
STORAGE AND LOGISTICAL COMPANIES

Specificity:

Companies with a network of warehouses, logistics facilities, and company vehicles.

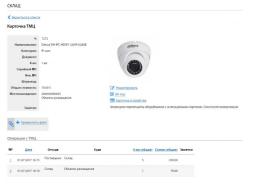
Userside.Business solutions:

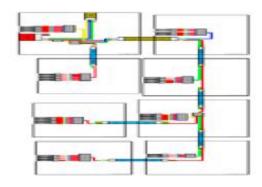
- Accounting and monitoring of the vehicle fleet, including tracking GPS positions.
- Accounting and monitoring of buildings and warehouses.
- Work with surveillance cameras, easy and quick access to any corner of your extensive business.
- Monitoring of warehouse capacities, simplification of warehouse workload accounting.
- Tracking the movement of goods.
- Order accounting system, etc.













RESIDENTIAL AND HEALTHCARE COMPLEXES

Specificity:

Hotels and hotel chains, recreation centres, sanatoriums, large hospitals, clinic chains. Residential complexes, townhouses, townships, housing management companies.

Userside.Business solutions:

- Accounting for buildings, rooms, wards, houses and their internal networks (sockets, Wi-Fi points, IP phones, network cables, other equipment).
- Surveillance cameras.
- Accounting for employees, as well as guests or patients.
- Dealing with subscriber requests in management companies, a system for responding to requests, etc.

Example:

A large resort and recreational complex uses UserSide to manage and account for computer networks and trunk lines on the territory of the complex. Accounting for services, contractors, and service tenants. Monitoring and control of equipment and network performance.









AGRICULTURAL COMPANIES

Specificity:

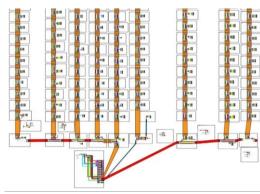
An extensive network of fields and agricultural facilities, farms, greenhouses with a fleet of agricultural machinery, equipment of any complexity or just surveillance cameras.

Userside.Business solutions:

- Map of fields and crops accounting, including visual accounting.
- Display of information from sensors with geo-referencing to a specific location.
- Accounting and monitoring of agricultural machinery, tracking its GPS position.
- Tracking of personnel, field maintenance teams, and farms.
- Accounting for equipment in agricultural complexes, greenhouses, farms, etc.











EDUCATIONAL INSTITUTIONS

Specificity:

Large higher education and other educational institutions with buildings, educational laboratories, campuses, etc., i.e., with a large number of networks and facilities at their disposal.

Userside.Business solutions:

- Free academic licenses for basic functionality UserSide.
- Accounting for computer networks and equipment, Internet coverage, etc.
- Possibility to involve students in documenting and network accounting as part of academic activities.
- Possibility of professional training for students of technical universities based on our industry-specific solution.
- Transfer of experience of Userside specialists for a deeper study of the practical of the profession.

Example:

Vinnytsia National Technical University uses UserSide in the process of distance learning in disciplines related to computer networks. This has made it possible to significantly simplify the use of physical network stands in online learning. UserSide is also used to provide technical support for the Internet infrastructure of the university's equipment and premises.









FOR EVERYONE ABSOLUTELY

Specificity:

Local networks of internal small service transport, recreation and entertainment complexes and parks (golf clubs, amusement parks, etc.). Other enterprises with cable networks, surveillance cameras, transport and the need to control the movement of service teams/vehicles and/or customer requests, etc.

Userside.Business solutions:

- Accounting for computer, telecommunications, any technical equipment, surveillance cameras with indication of surveillance sectors, wifi/radio equipment.
- Any communications (electricity, communication, etc. cable networks, pipeline networks).
- Work with building plans to plan the optimal placement of cables, networks, communications, and equipment.
- Sensor monitoring, ability to scan equipment status and make readouts.
- The ability to organise any type of work with notifications, time control, prioritization and escalation of tasks.
- Accounting for staff and personnel of the company's divisions.
- Accounting of any type of transport and live GPS position tracking on the map.
- Accounting for clients of any profile (subscribers, consumers, students, patients, etc.) and setting up interaction with them, including accounting for requests and tracking actions for each case.







AND THE MOST IMPORTANT!

We have many years of experience, recognition and daily use by hundreds of companies from many countries, including large providers, backbones, traffic exchange points, and mobile operators. We take part in many international conferences. Moreover, we have been strongly connected with telecom-community for many years and we always keep up with modern trends.

> To find out more, visit "Our clients" section on our website:







Olivenet Data Centers

Málaga http://olivenet.eu Province of Málaga, Marbella https://olivenet.es

OLIVENET NETWORK

Aranea

Vagharshapat

Arpinet

INTERCONNECT

Nor Hachn

InterLink Verevan

http://interlink.arr

Регионнет Martuni

http://www.regionnet.am



Intelvision

Victoria

Netvision

РетнНет (RETN Baltic)



ComNet Bulgaria Holding

Bourgas

http://www.comnet.bg

ProLan

http://prolan.bg/

Алфа Нет БГ Stara Zagora

http://svogelan.net Бол Бг Изток

svogelan Sofia Province, Svoge

Digicom

Burgas

Sofia City Province, Lozen http://bol-bg.com

http://www.digicom.bg

























POSSIBLE BIASES



"- I don't think we need this product. Our employees will be against anything new and additional work. An engineer with network diagrams in his notebook will be against it, because he will no longer be indispensable."

"- Excel and Outlook are enough for us, why else would we spend money on any other software?"

"- We have our own software programmer who has been writing software for us for the last 5 years and constantly demands more and more money. We're fine with that!"

The purpose of USERSIDE.BUSINESS is to improve the state of processes in the company as a whole, not to make work more comfortable for individual employees. The result of implementing our solution is a more stable business, not fewer complaints from employees.

BRIEF TECHNICAL DESCRIPTION OF USERSIDE.BUSINESS

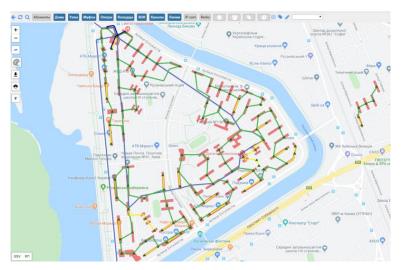
COVERAGE

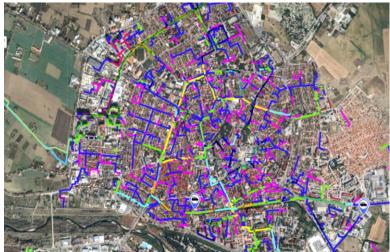
 Interactive map of service coverage that interacts with various geo-services and systems.

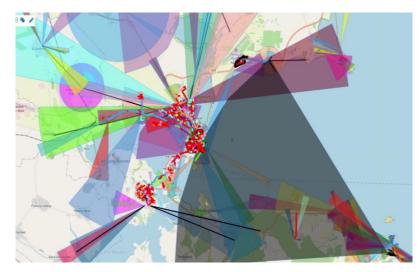
Objects:

- · Coverage buildings;
- Communication/network nodes;
- Couplers;
- · Pillars:
- Wells;
- · Cable lines and networks;
- · Cable channels;
- · Radio equipment.
- GPS positions of employees, crews, and vehicles.
- Depth of coverage by subscribers and traffic/service volume in buildings.

- The ability to visually display high/low activity of buildings on the map, which allows you to visually identify problem areas of the network.
- Customised coloured display of objects.
- The ability to navigate to any object directly from the map with one click.
- Possibility of visual identification of network coverage by various parameters:
 - · depending on the density of cables;
 - based on the type of network laying (air, sewerage, etc.);
 - · own unique markings for large objects.



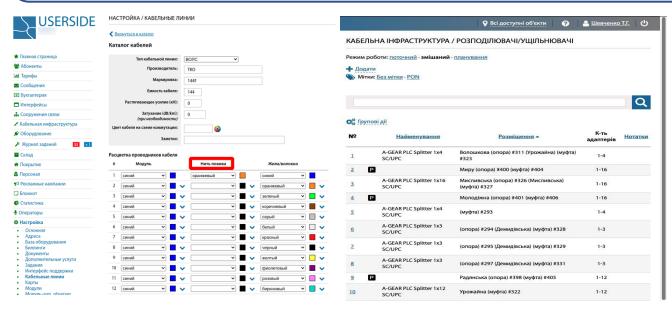


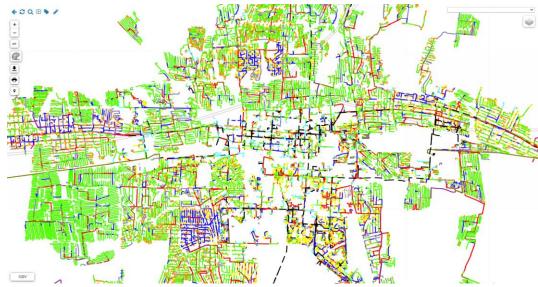


CABLE LINES AND NETWORKS

- Customised catalogue of cables.
- The length can be specified manually or calculated automatically by the geocoder using coordinates.
- Arbitrary objects on the route (manholes, poles, transit in channels).
- Arbitrary recordings both on objects along the route and in any specific location.
- Each type of cable has its own colour and can be switched to any object in the system, including displaying information about the cable's endpoint.
- Supports cables of any density in any quantity.
- You can attach files (traces, etc.) for the network as a whole and for each cable.

- The ability to break the network at any arbitrary point.
- Fiber optic routes, route cables.
- Calculation of the route of connections (when specifying the start and end points between which you want to create a route).
- Arbitrary labels (for example, for projects, underground network, etc.).
- Planning mode (fixation of objects that have not yet been built or do not exist).
- Comments on fibers.
- Various types of endpoints (including visual ones on the diagram).

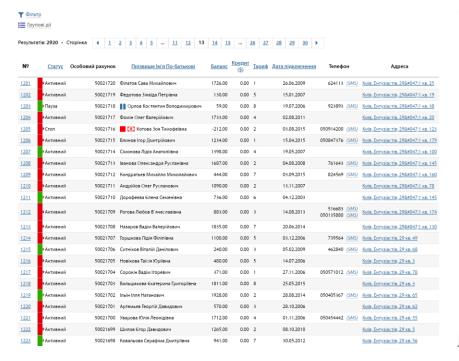


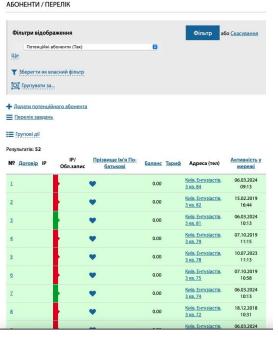


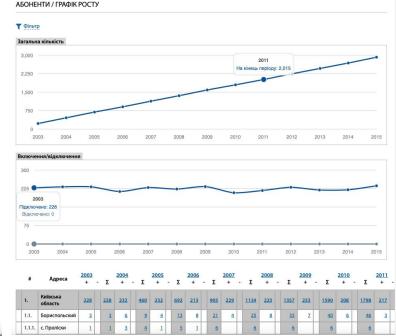
CONSUMERS • CLIENTS • ABONENTS

- A list of customers with extensive options for customisation and filtering by various parameters.
- Ability to set up labels and visual attributes for different customer categories.
- A database of VIP customers.
- Personal account of a customer.
- History of customer activity.
- History of interaction with the customer: requests, diagnostic actions, applications and their processing, calls, etc.
- Registration of incoming calls by customer, creation of tickets and tasks.

- General statistics: activity graphs, customer coverage, etc.
- Support for customer disconnection processes, a database of former customers, which helps to quickly return and reactivate the account if necessary.
- Generalised financial statistics: graphs of total income from subscription fees (service fees) by tariff plan/category of customers.
- Formation of documents according to templates and arbitrary ones.
- Customised additional fields.







SWITCHING IN THE COMMUNICATION NODE/COUPLING

Interactive. A wizard is available for bulk fibre switching.

Allows you to switch:

FIBRE OPTICS;

UTP lines;

ODF;

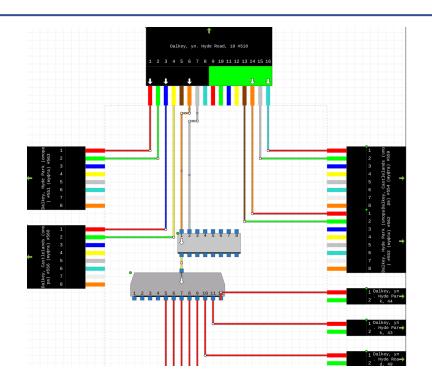
splitters/seals;

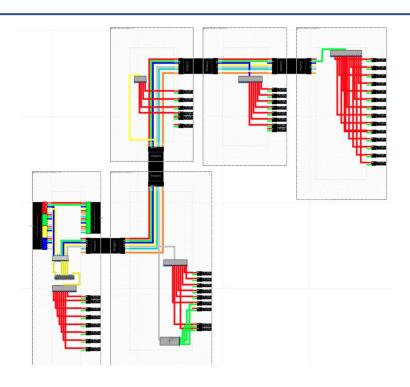
switches, radio equipment;

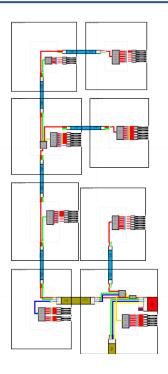
media converters;

system and other devices.

- The switch has a variety of color markings, including arbitrary ones.
- Labels are available, and connected equipment and subscribers are automatically displayed.
- Quick transition to the final switching object.
- QR codes: generate codes that can be pasted on a coupling, communication node, switch cabinet, box to facilitate accounting and identification of objects.



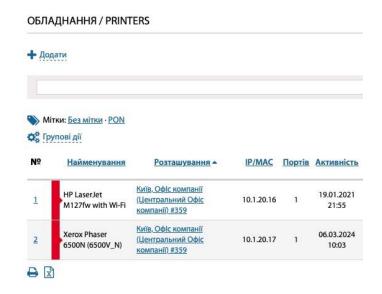


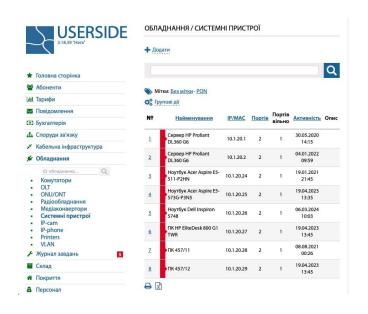


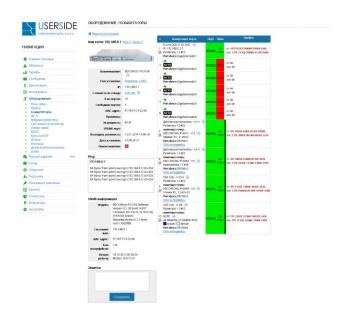
EQUIPMENT

- Unlimited number of interfaces to configure.
- Typical database of switches and radio equipment with default parameters.
- Online status of interfaces, equipment units, current status, speed, error counter.
- Information about switching of each interface.
- Ability to disable/enable a piece of equipment.
- ARP/FDB tables.
- For certain equipment, firmware version control and a summary report for all equipment units are available.
- Linking to the warehouse module (with warehouse accounting operations, serial/inventory numbers, etc.).

- MAC address history for all interfaces of all equipment, including detection of viruses and other malicious activity.
- Automatic (logical) switching of subscribers to interfaces.
- Automatic periodic polling of device status.
- Separate functionality for PON optical networks (OLT, ONU/ONT). Hot-swappable device with switching preservation.
- Building a switching structure diagram for each interface.
- Functional marking of equipment (UPLINK/DNLINK interfaces).







RADIO EQUIPMENT AND SURVEILLANCE CAMERAS

- It can be installed both on a specific communication node and directly to the subscriber.
- Possibility of azimuth and sector configuration.
- Monitoring the signal strength of connected radio subscribers.
- The ability to display information about the signal strength of the equipment on the main page of the service.
- Display of images from surveillance cameras, control and monitoring.

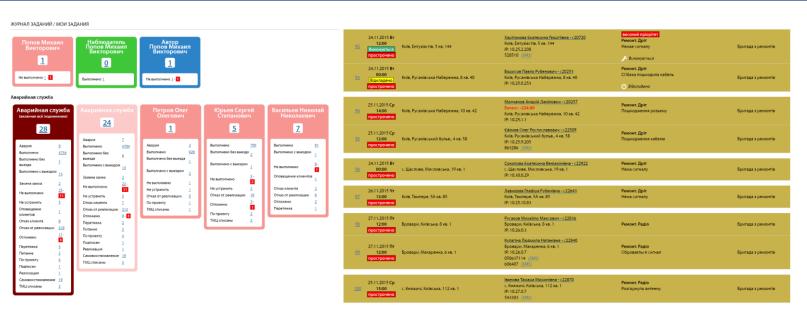
- Monitoring of equipment activity/shutdown (with setting up notifications of problems via email/ SMS/ visual alerts).
- Interaction with the warehouse.
- Customised labels, additional fields, the ability to add files.

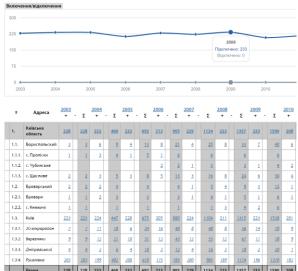


APPLICATIONS AND TASKS

- Any type of work with flexible settings.
- Automatic assignment of specialists and/or departments to a specific task by type of work and queue.
- Control of deadlines.
- Comments and task links.
- Statistics.
- Summary pages for a quick overview of statistics, a list of assigned tasks for yourself, your department, and all your departments.
- News updates on tasks.
- Customised task statuses and standard comments.
- Ability to generate various documents, orders, etc.
- Remote closing of tasks.

- Displaying tasks on the map.
- Assigning subscribers/customers to tasks.
- Transfer of consumables, equipment, and other goods and materials to tasks.
- Periodic/regular tasks.
- Paying contractors (if necessary). Notify employees about tasks and new assignments for them.
- Send notifications in any convenient way: integration with email, SMS, Telegram, etc.
- You can 'pull up' the weather forecast in the task list to better manage the situation and plan internal or external work.



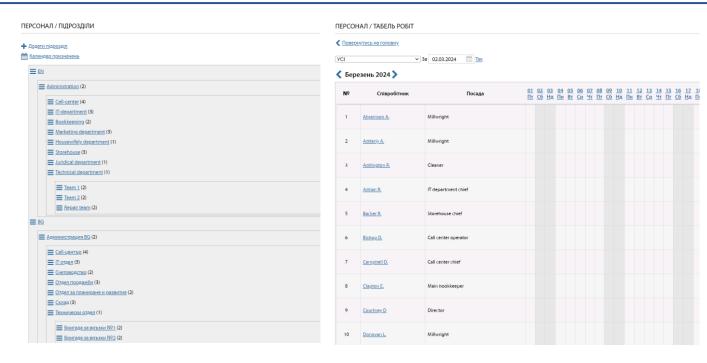


PERSONELL AND TRANSPORT

- Accounting of divisions and departments according to a hierarchical structure of any complexity.
- Customised employee cards with the ability to add files and photos.
- Ability to assign an employee to several departments with different roles (manager, deputy, employee) and positions.
- Timesheet.
- Work sheets and salary calculation by tasks (tickets) per employee and unit.
- System of bonuses and fines.
- Accounting for transport and car fleet.

Module for GPS operation

- Tracking the location of employees and vehicles.
- Supports various models of trackers (including software trackers (Android/iOS).
- Displaying the location on the map, which allows, among other things, to find the employee closest to the accident site.
- Recording and displaying reports and route sheets for transport (time, speed, distance, addresses, etc.).

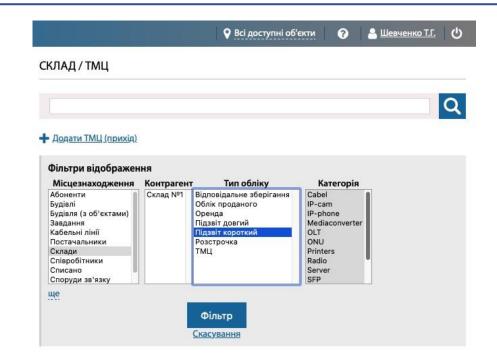


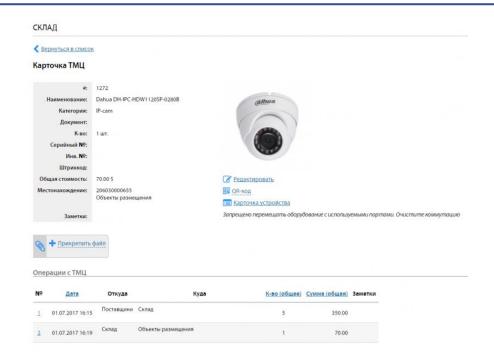


WAREHOUSE / ACCOUNTING / INVENTORIES

- Catalogue of goods and suppliers.
- Different warehouses and accountables for assets.
- Different objects and types of accounting (subaccounting). Serial and inventory numbers.
 Barcodes. Barcode and QR code generation.
- Interaction of goods and materials and equipment.
- Statements and reports.
- Acceptance and transfer invoices.
- Accountability reports.
- Accounting of goods and materials sold to customers.

- An existing "database" of typical inventory items.
- The ability to integrate several items of inventory into a new product (for example, a pipe and a crane which are required on an application conjunctively).
- Reserves in warehouses and notifications about the need for replenishment.
- Generate reports on a specific type of inventories.
- Setting up user rights for the Warehouse module: only performing warehouse operations, or additionally the right to write off, delete items, etc.





USERSIDE.BUSINESS www.userside.eu