PRISMA MATRIX

developed by
QUARTZ MATRIX®

Digitizing communication
with the employees

Why choose Quartz Matrix as a service provider?

We have constantly focused our attention to digital transformation, Industry 4.0 solutions, modern methods for interactive education and we have always paid special attention to research and development.

In our company, more than 100 employees, dedicated and passionate about digitization, join forces in the name of innovation. Continuous research and adaptation to market needs have guided our path since 1994, the year Quartz Matrix was founded. In over 27 years of activity, we have become a trusted partner for more than 2,000 companies nationwide, reaching a turnover of 50.2 million RON in 2020. All this time, we have focused on long-term partnerships, managing to stay close to our customers both with customized solutions, adapted to their needs, as well as with full service, from consulting and implementation to project management and maintenance, to ensure the perfect operation of the proposed solutions to the last detail.

We are convinced that we can become your business partner too and together to build the path to digitization, efficiency, and performance, with solutions adapted to the specifics of your company. And because lasting relationships are a hallmark of our company, we want to provide you with all the support you need and the brain to understand your needs.

Why digitize communication with the employees?

Recent developments in information technology and communication offer organizations the opportunity to provide employees with new ways to work together, leading to more efficient and integrated communication.

At both macro and micro levels, there have been multiple changes in society. The crisis caused by SARS-CoV-2 has radically changed the traditional business environment. During this period, we reduced human interaction and we made the most of digital resources to ensure effective communication within the company. The digitization trend will be an ascending one in the post-pandemic period, too. The pandemic represented an accelerator in this regard, speeding up the process by a few years. While digital technology will never completely replace interpersonal communication, digital jobs can create an environment in which employees feel informed and involved. A digital job helps employees stay productive and involved though collaboration, communication, and connection with others. Digital jobs also provide the option of sharing information instantly, leading to decisions that can be made, discussed, and implemented quickly.

All this comes in the context in which inefficiency is one of the most harmful aspects of business environment. Analyzed reports show that inefficient workflows can cost up to 30% in the company's income.

Why choose Prisma Matrix for digitizing communication with the employees?

Prisma Matrix is a Quartz Matrix own brand that facilitates bilateral communication within companies

This is done both from management to employees and from employees to management. The product is accessible from any type of device (display, info-point, laptop, tablet, or phone) and is 100% customizable to the customer's requirements and needs, being fully developed in the research and development department of Quartz Matrix. Various actions can be integrated in the software to meet the various needs of a certain kind of company. Therefore, we provide you with the necessary support to identify these needs and to recommend the most suitable solutions.

Prisma Matrix functionalities

Targets and KPI tracking - Each employee will be able to track his/her targets individually, the degree of achievement and the level of performance he/she has reached. All this will clearly contour the employee's evolution in the company and at the same time will establish a healthy environment of competition and situational awareness that will lead to increased productivity, efficiency, and morale.

Performance indicators	Internal announcements	Individual results	Digital newsletter	Tutorials	Targets	Self-service HR

Booking Meeting Rooms - A good organization, time efficiency and proper management of resources are the key elements for a dynamic operation in a company. Meeting Rooms Booking Module helps you to easily estimate the occupancy and booking of meeting rooms in your company. You can find out in real time the availability of meeting rooms in any location, select the number of people and the range in which you need to occupy a room, and you can also check the occupancy schedule of rooms with all scheduled meetings.

Tutorials - Direct communication with employees through screens strategically positioned in the company can provide them with the right information at the right time. Thus, a new employee will integrate more easily in the team and will understand what he must do, watching a tutorial that will indicate the correct way of execution. At the same time, a new process or a new product will be learned faster and with fewer failed attempts by sharing helpful content to the desired production line.

Self Service HR - Employees can apply for vacation days, certificates and permission slips through Prisma Matrix and will receive an answer via email or SMS. All e-documents will be stored in a digital folder. This saves time on both sides: employees do not have to physically reach the HR office, and the HR department does not have to make direct contact with employees.

Real-time briefing – Do you need to send an urgent general interest message to all employees? Well, through Prisma Matrix software you can transmit briefings under any format (video / jpg / png / gif, etc.) to all employees or to selected departments that will instantly reach the screens located in the chosen areas. Captivating content, clear images and vivid colors will catch the employees' attention, so the informative content will reach them on time.

Access to individual results - We all know how important training employees has become in an increasingly competitive business environment. A 2019 study conducted by IBM found that the time required to gain skills through training increased from an average of 3 days in 2014 to 36 days in 2018. This is why it is important to make available to employees suitable courses for their professional and personal development to keep up with the latest trends from the business environment. A trained employee will support a successful business.

Suggestions & Feedback - Communication and feedback represent the foundation of a successful company. Inspired business decisions and development of new projects require feedback questionnaires, as this has become essential in an organization. On the other hand, collecting suggestions has become the engine of sustainable development and employees' drive to adhere to the company's principles and goals.

Hardware options functionalities

Display of multiple dashboards with various types of information: image, video, text, and other types of files. The application supports multiple file types: jpg, png, tif, gif, etc.

Management of how information is displayed on the display, multiple areas, and customizable templates for data management by departments and target audience.

Interactive touchscreen system - Allows users to interact with information and open documents, watch videos, perform web searches, print, etc.

Software installation

1. On Premises
2. Cloud

Display options

1. Prisma Matrix can be installed on any hardware device the company already owns

2. Quartz Matrix provides you with two display hardware options: **Digital Signage or Info-Point**

Services:

• Work execution
• Commissioning
• Personnel training
• Maintenance and
  technical support 24/7

Case study

Prisma Matrix was designed at the request of a client in Automotive field who wanted to improve the way management interacts with employees, the way information is disseminated and received or how employees track and achieve their goals. Also, Prisma Matrix came as a result for the need of simplifying the processes related to the human resources department.

Company profile

• Automotive company, car equipment / accessories production
• 1,500+ employees
• 8 Prisma Matrix devices installed

This world-class company, found among Top 500 largest companies in the world, produces electrical systems for motor vehicles and car seats. The factory spreads on a 12,000 square meters area and has over 1,500 employees.
With so many employees in the factory, many of them with no access to a PC or e-mail, communication, information, and requests submission from them proved to be deficient.
The client's problem was the lack of a system for effective organization of activities on departments and quick access to information.

Prisma Matrix Info-Point for digitizing and streamlining data and documents flows

• Determination of specific needs and required customizations
• System configuration according to the specifics of the company's activity
• Technical consultancy for creating the necessary framework for installation
• System installation
• System testing and revision
• End user training, specialized training
• Technical support & Maintenance

The implementation team constantly collaborated with the client's team to fulfill exactly the requirements of the schedule of conditions. In relation to the requirements, 8 Prisma Matrix info-points were installed for one of the factories.

Post implementation benefits

Prisma Matrix was a real help in simplifying the activity on the production line, displaying in real time information on statistics like achieved vs. planned, planned activities, etc. There was also a higher level of employee satisfaction, who enjoyed the opportunity to submit requests without going to the HR office and without having to constantly ask about their status or anything else related to HR, which are now a click away.

The management department has noticed improvements on employees' productivity and their level of efficiency, always being informed about the degree of fulfillment from the planned activity or any other tracked KPI to reach his/her production target.

Information is updated in real time and reaches employees directly. The company sets the referral times and what information reaches each department. The industrial display panel has been set to display daily to the employees the target achieved from the planned workload, the evolution of the work on each day, etc. The display system keeps employees informed about company procedures, events, information of general interest, safety procedures, etc. The digital display catches employees' attention through diversity and movement: image, video, text, and other file types.

Employees are always up to date with

• Company news
• Key ongoing projects
• Trainings they could take to increase their performance
• Individual results
• Their contribution to reaching the company's targets

Learning*on*

The professional training of employees has always brought benefits and advantages to companies. Training helps companies achieve their goals by providing employees with the learning opportunities they need to continue their career advancement. But "beneficial" is no longer a sufficient description of employees' training; it has become extremely important to be on the same page and be an integral part of the digital world. In an evolving global economy, the most successful companies will be the ones that adapt quickly and efficiently. The key reasons for employee training are developing self-confidence, maintaining fresh knowledge and clear skills, especially when training is accessible online, too.

The e-learning platform is dedicated to the business environment for employee training, allowing the management of documents of interest dedicated to them: procedures, courses, video tutorials, trainings, regulations, etc.

Benefits of Learning On platform

• The platform has: chat, feedback, forum, glossary, survey, tests, Wiki Pages, databases, etc.
• The time spent searching for information, documents of interest, procedures, regulations etc. is diminished
• It streamlines operational processes by training employees according to various categories related to their activities: information package for new employees, working procedures for various departments, certification packages, etc.
• Documents can be structured by categories, departments, or competencies. It integrates useful organization plugins: calendar, events, user activities, news, courses, test results, etc.
• It allows training management and course tracking by each employee and evaluation of the results obtained
• Generating reports of browsing history and activity within the platform for performance analysis and interest among employees
• Interactivity - an easy learning method that stimulates curiosity and self-development
• It provides a wide range of multimedia resources: videos, images, diagrams, graphics, texts, questionnaires, tests etc.
• Each employee can watch and learn at their own pace

Institutions using the e-learning platform

"Marius Nasta" Institute of Pneumology | InfoEducația | Interactive-Training
Acvet Consult Serv | Iasi County School Inspectorate | GPT LORA Services SRL | AD Auto Total S.R.L.

Other solutions developed by Quartz Matrix

ENEF
Energy consumption monitoring system

Keep the Machine Running
Maintenance management system

DigiTrafic
People counter system

Prolang
Foreign languages digital lab

QMART
All-inclusive B2B one-stop shop

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ISO 9001
ISO 14001
ISO/IEC 27001
ISO 45001