TIME AND ATTENDANCE MANAGEMENT AND ACCESS CONTROL SYSTEM-TAMACS
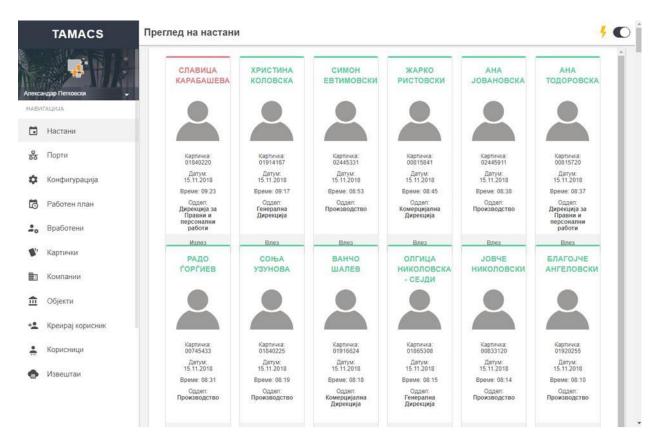
INFINITE SOLUTIONS

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ABOUT TAMACS

Time and Attendance Management and Access Control System (TAMACS) enables automation, simplification, and improvement of various aspects of workforce management with focus on tracking employee attendance and ensuring access to facilities.

The readers at different locations are controlled and managed from a single point, and the data from all locations is stored in a central database.

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TAMACS, owned by Infinite Solutions, is the ideal solution for businesses of all sizes and industries where physical presence of employees is required.

Infinite Solutions, through its local trainers, provides what is known as "train-the-trainer" training and continuous customer support for TAMACS.

TAMACS increases employee productivity in the human resources department, enhances company security, and helps save costs through:

- *Automatic Time Tracking*

  The system records the time when employees start and finish work. This helps eliminate errors in manually tracking employee check-ins and check-outs.

- *Absence and Leave Management*

  The system simplifies the approval and tracking processes for vacation days, sick leave and other types of absences.

- *Payroll Accuracy and Compliance with Labor Laws*

  Automatic time tracking ensures the payroll is based on actual working hours. By accurately tracking overtime, breaks, and absences, it helps businesses comply with local labor regulations, ensuring correct payment.

- *Access Control*

  By restricting access only to authorized individuals, company and employee security is enhanced.

- *Real-Time Data and Analytics*

  TAMACS helps businesses make informed decisions. Through various predefined reports, managers can track attendance trends in real time and identify areas where productivity can be improved.

FUNCTIONALITIES AND REPORTS

In the standard version of **TAMACS**, the following **functionalities** are available:

- Defining Shifts
- Defining Exceptions
- Assigning Workdays
- Creating Work Schedules
- Approval of Hours

- Managing Exceptions
- Creating Input File for Pantheon
- Calculation and Monthly Overview of Hours
- Module for Day Off
- Integration with Other ERP Systems.

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A key role in providing detailed insights into employee activity is played by **TAMACS reports**. These reports are essential for human resources personnel, managers and security staff. By understanding employee attendance patterns and security access, companies can optimize shift scheduling, team assignments and facility usage.

In the standard version of **TAMACS**, the following **reports** are available:

- Employee Overview
- Exception Overview
- Time and Attendance Records
- Aggregate Database by Department
- Aggregate Records by Employee

- Event Overview
- Alarm Overview
- Official Reports
- Summary of Aggregate Performance
- Customizable Report Options.

Schedule demo today!

TAMACS INTEGRATION WITH THE HR MODULE OF ERP PANTHEON

The Time and Attendance Management and Access Control System (TAMACS) integrates with the Human Resources module of ERP PANTHEON, allowing the exchange of the following data between the two systems to enable **automatic payroll calculation**:

Data used by TAMACS from the ERP solution:	Data recorded by TAMACS and sent to the ERP solution:
Company Data	Monthly hours worked by type
Vacation days per employee	Regular working hours
Department/Division	Overtime hours
Nationality	Night work
Religion	Reduced hours
Types of exceptions	Business trips
Job position	Sunday work
Employees	
Workdays in the month	

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ABOUT INFINITE SOLUTIONS

Infinite Solutions is a leading IT company based in Skopje, offering consulting services, software development and engineering services with a focus on Microsoft platforms and technologies. Established in 1995 and rebranded to Infinite Solutions in 2003, the company has built a strong reputation in the local and regional markets.

As a Microsoft Gold Partner, Infinite Solutions focuses on implementing Microsoft Dynamics 365 Business Applications, such as D365 Finance and Operations, Customer Engagement, and custom software development. Additionally, the company excels in Cloud Solutions and has deep expertise in Microsoft Azure and Power Platform.

Our company has a team of 50 certified functional consultants, technicians, developers, testers, system administrators, and project managers. In addition to the implementation of Microsoft Dynamics 365 solutions, we are also actively involved in the successful deployment of one of the most well-known ERP solutions in the region – PANTHEON.

As a premium partner of Datalab, we have numerous successful implementations in leading Macedonian companies, including the integration and deployment of our TAMACS solution.

Among the most significant projects related to the implementation of PANTHEON and its **integration with TAMACS**, we would highlight:

- ✔ TAV Construction – www.tavconstruction.com
- ✔ Gülermak – Gülermak Heavy Industries Construction & Contracting Co. Inc
- ✔ Johnson Matthey Macedonia– www.matthey.com
- ✔ Dräexlmaier Macedonia – www.draexlmaier.com
- ✔ FAKOM – www.fakom.com.mk
- ✔ TGS – www.tgs.com.mk
- ✔ KEMET Macedonia – www.kemet.com
- ✔ Hi-Tech Corporation – www.hitech.com.mk
- ✔ Gerresheimer Macedonia – www.gerresheimer.com
- ✔ Kvalitet Prom – www.kvalitet-prom.com.mk
- ✔ TAV Airports – www.airports.com.mk
- ✔ OKTA AD-Skopje – www.okta-elpe.com .

With over 200 completed projects and a client base spanning 27 countries, Infinite Solutions is dedicated to delivering high-quality, cost-effective, and innovative IT solutions. Our focus is to establish long-term partnerships and provide continuous support, helping clients optimize their business processes and achieve sustainable growth.