



Mohaymen
ICT Group

Mohaymen

Introduction
Products, Solutions and Services



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Mohaymen's story

Since 2009, we have focused our will on Mohaymen to take our country to the pinnacle of progress in information and communication technology, and on this path, the most talented have joined us with a passion for solving the most complex of problems.

Today, many large organizations in the public and private sectors have found Mohaymen to be a capable and reliable partner on the path to smartization and digital transformation, and what we have built together creates value for businesses and society.

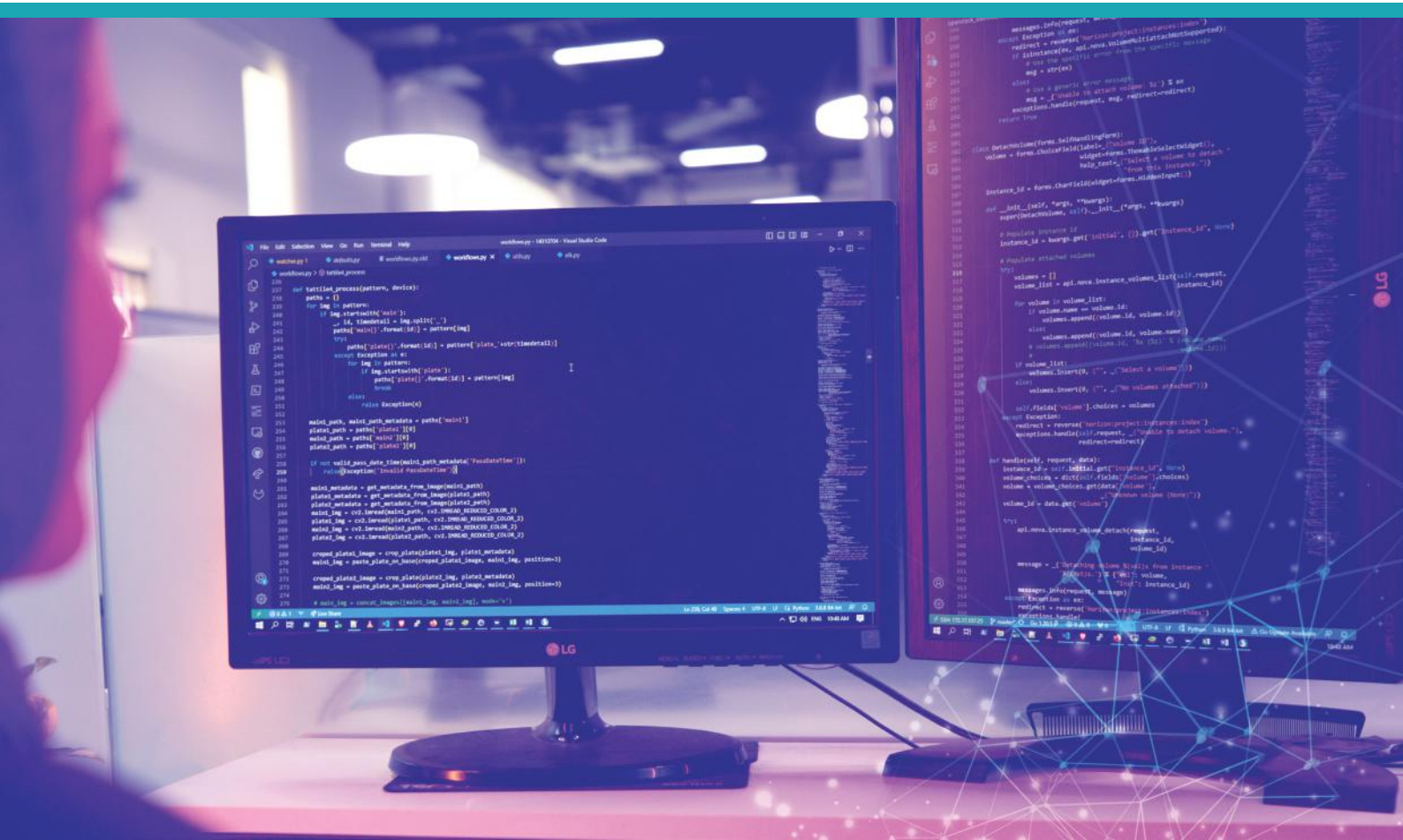
» Mission

Providing world-class, knowledge-based and leading solutions based on ICT to solve strategic and challenging issues in various industries of the country

» Vision

Becoming a strategic partner of the country's large organizations in various industries and a hub for the development of applied knowledge and technologies in ICT

The journey towards the summit continues...





Mohaymen's presence and honors in domestic events

- First place in the 15th Kharazmi Youth Festival
- First place in the 7th National Communications and Information Technology Festival
- Second place in the 14th Kharazmi Youth Festival
- Second place in the 3rd National Communications and Information Technology Festival
- Golden plaque from the Sheikh Baha'i Innovation Festival



Mohaymen's presence and honors in international events

» Achieving second place

ITU Telecom World Awards 2019

The first Iranian company to be ranked in nineteen editions of this award in competition with 250 small and medium-sized enterprises worldwide due to the successful implementation of Mohaymen's SIM Card Device Identification project with a unique model and deployed on a very large scale.



Mohaymen's rankings in National Plan and Budget Organization

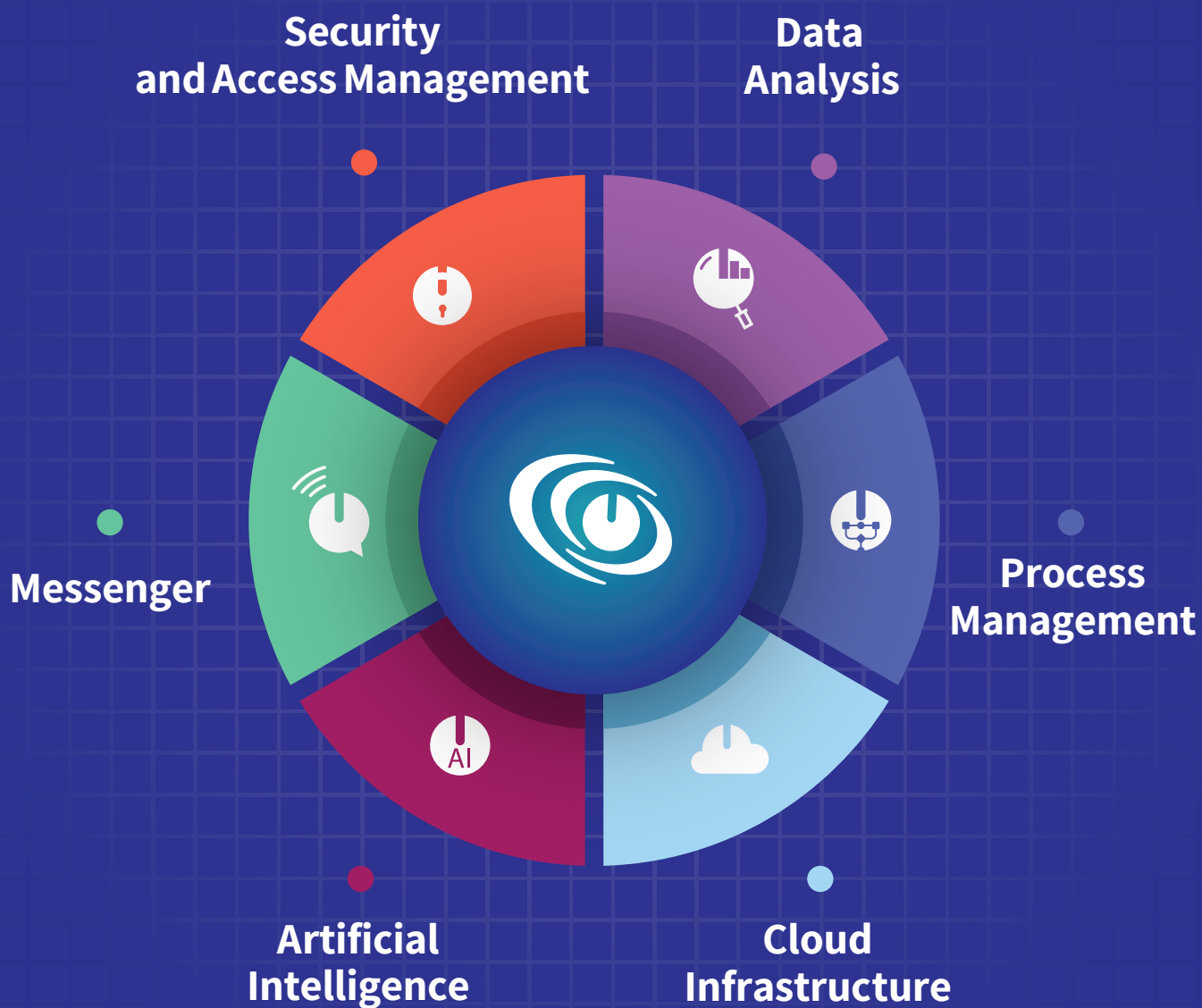
- Ranked **First** in Production and Support of Customer-ordered Software
- Ranked **First** in Security of Production and Information Exchange
- Ranked **First** in Computer and Telecommunications Data Networks
- Ranked **First** in Support Services
- Ranked **First** in Consulting and Supervision of the Implementation of Informatics, Information Technology and Communications Projects
- Ranked **First** in Production and Provision of non-Main Frame computers
- Ranked **First** in Provision and Support of Basic Software, Systems and Tools
- Ranked **First** in Provision and Support of Software Packages or Software Packages
- Ranked **First** in Education and Research
- Ranked **First** in Information Network Services Providers
- Ranked **First** in Special Systems
- Ranked **First** in Production and Provision of Peripheral Systems
- Ranked **First** in Production and Provision of Parts and Supplies
- Ranked **First** in Industrial Automation Systems

Mohaymen certificates

- **Security certificates from the Information Technology Organization (AFTA Strategic Management Center)**
 - **Technical Security Services** – Installation and Support of AFTA.
 - **Operational Security Services** – Implementation of Security Operations Centers (SOC) and Incident Response Teams
 - **Operational Security Services** – System, Infrastructure, and Service Hardening and Security Reinforcement
 - **Operational Security Services** – Security Testing and Assessment
- **Approval of 15 Knowledge-Based Products and Services from the Department of Science, Technology and Knowledge-Based Economy**
- **Ministry of Industry, Mines and Trade**
 - Operation License for Information Technology Production (Software Production)

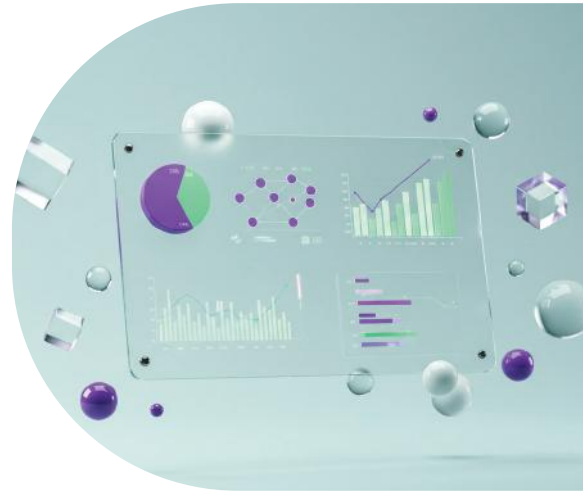


Products, Services and Solutions



Data Analysis Products

In data analysis, Mohaymen ICT Group provides the necessary platforms for collecting, integrating, processing, and analyzing data by focusing on the development of data analysis platforms. By utilizing modern technologies through big data, graph processing, performance analysis, and data visualization, Mohaymen provides organizations with the ability to discover patterns, monitor indicators, and perform advanced analysis, and paves the way for accurate, data-based decision-making at different organizational levels.



Products

» Data Integration and Analysis Platform

This platform helps organizations and analysts to collect and integrate various data from various sources and analyze them intelligently and accurately.

» Relationship Analysis Platform

A graph-based tool for analyzing complex relationships between data. This platform allows organizations and analysts to easily identify patterns of relationships between data and entities and use them for specialized analysis.

» Big Data Management Platform

This platform is designed to store, process, and manage large and complex data. With capabilities such as high scalability and integration with various systems, it allows organizations to take advantage of their big data.

» Performance Analysis Platform

The Performance Analysis platform is a business intelligence (BI) service that allows organizations to measure and analyze their performance in various indicators and create interactive reports and data-based predictions.





Process Management

By providing a business digitization platform, Mohaymen is the main driver on the path of digital transformation of organizations. The main focus is on digitizing business processes, automating human operations, and creating flexible and scalable platforms for developing and delivering digital services in public and private organizations. The ultimate goal is to facilitate the implementation of modern and agile architectures for managing digital processes and interactions.



Products

» Business Digitization Platform

A comprehensive platform for designing and implementing structured and case-based processes, with no-code design capabilities, workflow management, documentation, and integrated digital service delivery on a national scale.

» Microservice Designer

A comprehensive platform for designing, producing, and managing microservices with graphical tools, no-code, and low-code to cover business flows and enable deployment on scalable environments.

» App Designer

A completely NoCode platform for designing and developing user interfaces in the form of web applications and supporting multilingualism, graphic themes, and responsive design.

Products, Services and Solutions in Security and Access Management

With the aim of extensively protecting the digital assets of organizations, Mohaymen ICT Group offers a set of solutions, systems and local security services for infrastructure, identity management, identifying and combating cyber threats and secure software development. This unit, relying on an expert team, operational experience in numerous national projects and adapting activities to the country's security requirements, is a reliable companion for organizations on the path to digital security.

Solutions and Products

» Cyber Threat Intelligence (CTI) Solution

A Platform for collecting, analyzing and sharing cyber data threat, with the ability to integrate with SOC and monitoring systems for prevention, early detection, rapid and accurate analysis with intelligent responses.

» Secure Software Development Solution (DevSecOps)

Automatically secure the software development cycle using multiple tools and methods for monitoring, testing, validating, and securing code in the CI/CD pipeline or offline.

» Identity and Access Management System (IAM)

Asystem with single sign-on (SSO), multi-factor authentication (MFA), and user lifecycle management.

» Momtaz Access Management and Monitoring System (PAM)

A system with activity recording and precise activity control policy setting on sensitive permissions.

Services

» Penetration Testing, Security Assessment, and Identification of Web, Mobile, and Network Vulnerabilities

Identification of vulnerabilities and weaknesses in systems, applications, and infrastructure using specialized security assessment teams.

» Securing and Hardening Operating Systems, Databases and Network Equipment

Assessing the security status of operating systems, databases, networks and hardware and providing hardening solutions and implementing technical controls.

» Security Operations Center and Security Incident Response Management (CSIRT/SOC) Solution

Design, deploy, support, and manage information security incident response and management centers with the ability to detect, analyze, and respond to security incidents.

» Information Security Architecture Design and Development of a Comprehensive IT Security Plan

Analysis of the current security status of the network and organization, review of the design of the IT security macro architecture.

» Design and Implementation of Cryptographic Mechanisms

Design, implementation and analysis of cryptographic algorithms, cryptographic key management, analysis of secure communication protocols and simulation of various secure communication systems.



Cloud Infrastructure Products

By developing the Abriment platform, Mohaymen provides a native, stable and secure infrastructure for organizations that are seeking to escape the technical complexities of infrastructure. Abriment was born from large national projects and was designed to suit the real needs of businesses through the experience of nearly 40 experts.



Cloud Server

Rapid creation and management of virtual machines with configurable resources and consumption-based payment



Cloud Container

Stable and scalable execution of applications using Kubernetes for development and DevOps teams



Cloud Storage

Secure and scalable cloud space for storing files and data and supporting the S3 protocol



Cloud Database

Providing managed databases without the need for installation, maintenance, and configuration



Content Delivery Network (CDN)

Increasing the loading speed and stability of websites and applications by distributing static content and possibility of caching them in different locations



Cloud Big Data

A ready-made environment for running analytical services and heavy data processing, with support for Big Data technologies

Messaging Product

Mohaymen by designing and developing Soroush Plus, a messaging product with the aim of creating a secure and stable platform for digital communications, strives to provide the best user experience for users and meet their communication and business needs.

Soroush Plus

A new experience in digital communications

With more than 40 million users, Soroush Plus is a powerful and multi-purpose platform that provides users with a variety of features for communication, entertainment, financial management and business.



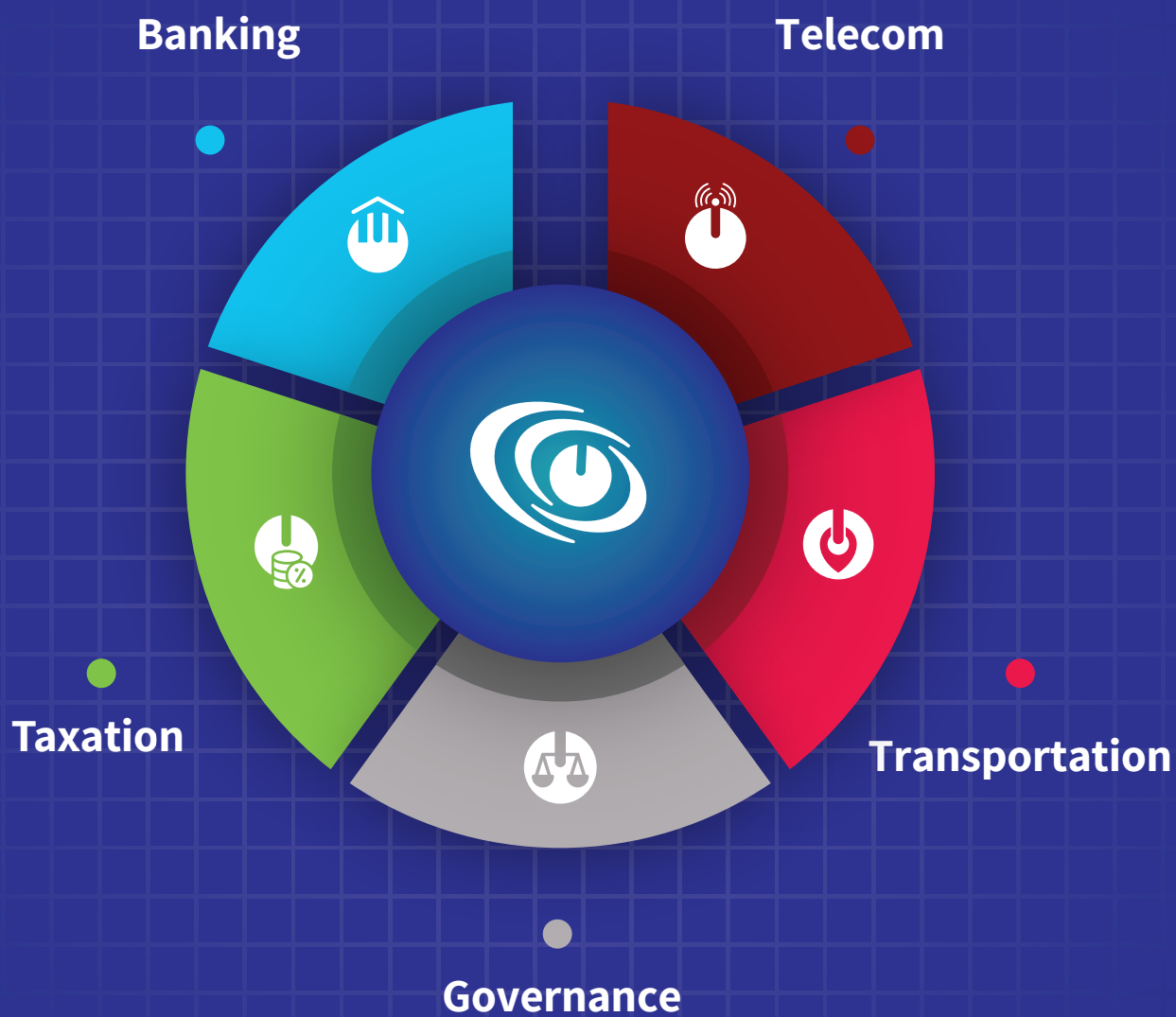
Soroush Plus Features

- **Advanced Messaging:** Chat, Group, Channel, and Encrypted and High-Quality Audio/Video Calls.
- **Group Calls:** Audio/Video Calls and Page Sharing in Groups with Limited Access to Group Members and a Dedicated Invitation Link.
- **Channel Monetization Service:** Ability to generate revenue for content producers through advertising in more than 6,000 channels, with smart mediation between channel owners and businesses to reduce costs and increase advertising accuracy.
- **Secure Cloud Space:** Unlimited Storage and Easy Access to Files.
- **Smart Chatbots:** Various services with Artificial Intelligence, without the need for VPNs and expensive payments
- **Message Sending and Receiving APIs:** Bulk Messaging and Sending OTP, Creating and Developing Dedicated Bots and Organizational Services.
- **Digital Wallet:** Fast and Secure Payment with Various Features such as Inventory Management and Viewing Transaction History.
- **Postbox and Showcase:** Attractive Content and Categorized Entertainment.



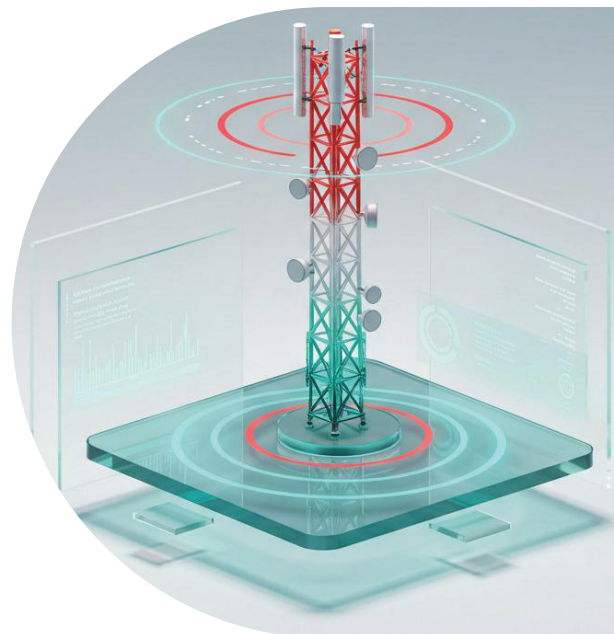


Solutions for Customer Industries



Telecom Solutions

Mohaymen helps telecom operators prevent fraud and revenue leakage challenges, improve service quality, and enhance customer experience and loyalty by providing a collection of innovative solutions in the areas of revenue assurance, fraud management, counterfeit handset detection, service quality management, customer experience, and subscriber retention. These solutions are designed and developed to suit the specific needs of this industry by utilizing advanced technologies, including artificial intelligence, machine learning, and integrated platforms.



Solutions

➤ Revenue Assurance and Fraud Management (RAFM) Solution

A solution to identify and reduce revenue leakage and telecommunications fraud using artificial intelligence algorithms and continuous analysis of user behavior.

➤ Mobile Phone and SIM Card Identification System

A mobile phone registry management system to control smuggling and monitor official mobile phone imports into the country.

➤ Service Quality Management (SQM) Solution

A comprehensive solution to evaluate and improve the quality of telecommunications services through the design of performance and quality indicators and intelligent management of alerts.

➤ Customer Experience Management (CEM) Solution

A solution to analyze and improve customer experience by designing and evaluating various indicators in the network, service and customer layers using advanced data analysis tools and segmenting customers based on behavioral characteristics and creating targeted campaigns to reduce churn and improve customer loyalty.

➤ Regulatory Systems Management Solutions

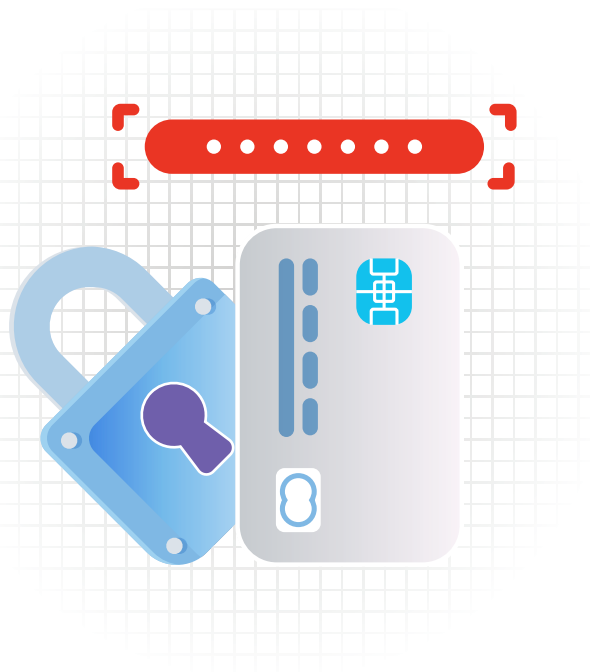
Design, implementation and support of telecommunications process systems using the infrastructure of Mohaymen's Business Digitalization Platform. This solution enables the mechanization of various regulatory services, including:

- Issuing licenses for government service counters
- Issuing licenses for the use of service codes
- Monitoring system for fiber optic coverage points
- Issuing licenses for providing postal services
- Issuing clearance approvals or sample approval certificates for radio, communication and information technology equipment



Banking Solutions

With a specialized approach and in line with promoting the transparency, health, and resilience of the country's financial system, Mohaymen's offers three key solutions in the areas of fraud detection, smart inspection, and combating money laundering. These solutions by relying on data analysis, artificial intelligence, and machine learning, have been developed in full compliance with the requirements of the Central Bank, the Financial Intelligence Unit (FIU), and other regulatory bodies of the country.



Solutions

» Smart Inspection Solution

By utilizing analytical scenarios and machine learning algorithms, Mohaymen's Smart Inspection Solution enables accurate and efficient execution of periodic, ad hoc, and remote inspections, complaint management, and enhancement of banking supervision, and acts as a key tool in the bank's digital transformation. This solution prevents financial losses by identifying risks in a timely manner, and as an assistant to managers and supervisory teams, it strengthens the atmosphere of trust and cooperation in banks.

» Banking and Payment Fraud Detection Solution

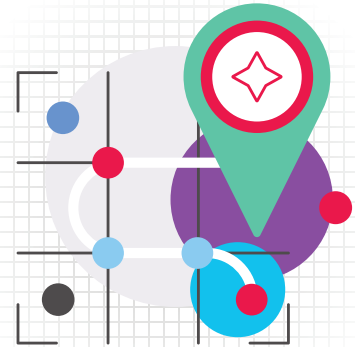
Mohaymen's Banking and Payment Fraud Detection Solution is a smart solution for detecting and preventing financial fraud in banks that uses big data analysis, complex analytical rules, and machine learning to identify suspicious transactions in real time. By analyzing financial behavior and discovering hidden patterns, this solution increases the level of security and transparency and prevents financial losses and legal risks. Mohaymen's Banking and Payment Fraud Detection Solution is designed to fully comply with regulatory requirements and provides reliable performance for the banking system.

» Anti-Money Laundering Solution

Mohaymen's Anti-Money Laundering Solution is a set of intelligent tools used to identify and prevent the flow of money from illegal activities in the banking system. By accurately analyzing transactions, identifying suspicious sources of capital, and tracking hidden patterns, this solution prevents the conversion of criminal proceeds into seemingly legal capital. Relying on artificial intelligence and analyzing data and entity relationships, this solution detects unusual activities and provides timely warnings, allowing banks and regulatory agencies to intervene effectively to combat money laundering and terrorist financing.

Transportation Solutions

With the aim of making ground (urban, road and rail) and air transportation infrastructures smart, Mohaymen offers solutions based on data analysis, business intelligence and smart monitoring technologies. Focusing on optimizing operations, reducing costs and improving the quality of services, this unit's solutions serve transportation companies in the field of urban management and infrastructure institutions of the country.



Solutions

» Business intelligence solution for road transportation companies

A solution for planning, monitoring and optimizing the fleet in order to improve productivity, reduce fuel consumption and increase operating profits.

» Data analysis solution for airlines

A solution for real-time analysis of flight data in order to optimize operational decisions and reduce costs in the aviation industry.

» Smart urban traffic management solution

An integrated solution of hardware and software to control and improve traffic flow with real-time analysis of urban data.

» License Plate Data Aggregation Solution

A solution for online aggregation and analysis of data from surveillance equipment to monitor traffic, reduce congestion, and facilitate rapid decision-making.





Governance Solution

In line with its vision and mission, the Mohaymen ICT Group seeks to understand the issues and needs of the governing body and resolve these issues and needs by providing leading and competitive knowledge-based solutions at global IT levels.

Through communication with organizations and governing bodies, Mohaymen has tried to better understand the issues and challenges facing these organizations and, using its internal capacities and knowledge-based products, provides solutions to address these challenges and issues.



Taxation

Mohaymen ICT Group has, since 2020, designed and developed smart infrastructures for taxation and the country's economy. With a data-driven approach, Mohaymen focuses on fundamental transformation in the country's tax and economic system and is trying to provide a dynamic and modern platform for tax management by utilizing new technologies.

In this direction, with a precise understanding of the challenges in the tax collection process, Mohaymen focuses on redesigning fundamental structures and processes and transitioning to a new generation of tax systems. This redesign is based on direct communication with businesses, intelligent processing of financial information, and analysis of taxpayer behavior to not only increase the accuracy and efficiency of tax interactions, but also to provide a suitable platform for effective and fair supervision.

In this regard, the implementation of the "Taxpayer System" as one of the practical manifestations of this transformation plays a key role in the implementation of the Law of Store Terminals. This system is not just a technological tool, but also a true embodiment of Mohaymen's new approach to organizing and making the country's tax system smarter. Developing the country's transaction data infrastructure and utilizing taxpayers' self-assessment capacities is a new move in the development of the country's economic technologies.

On the path to moving towards a digital economy, Mohaymen, with a forward-looking perspective, combines the capacities of technology and law to transform the tax system in an efficient, transparent, and data-based manner. This transformation is a clear sign of the possibility of synergy between technical innovation and legal coherence, which will pave the way for a more sustainable and fairer economy.





Successful Experiences

Over the years of its activity, Mohaymen Information and Communication Technology Group has been able to gain successful experiences in various industries in the country by implementing large and strategic projects. These experiences demonstrate the expertise and capabilities of this group in providing comprehensive and innovative solutions to solve complex problems. The following are some of these successful experiences:

- » Registry System
- » Shahkar System
- » Comprehensive Taxpayer System
- » Comprehensive Risk Analysis and Tax Evasion System Software
- » Comprehensive Law and Supervision System of the Islamic Consultative Assembly
- » Fraud Detection System for Telecommunications Operators of the Radio Communications Regulatory Authority
- » Fraud Detection and Income Guarantee System of Hamrah Awal Company
- » Systematic Identification System for Contraband Goods and Combating Money Laundering
- » License Plate Reader Information Collection and Processing System of the National Highway Administration Organization
- » Fraud Detection System of Kashef Bank Markazi Company
- » Fraud Detection and Smart Inspection System of Maskan Bank
- » Soroush Plus Messenger



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