monokee

2022

COMPANY
PROFILE

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MONOKEE SRL

MONOKEE FOR US IS BOTH A GOAL AND A STARTING POINT.

Monokee is the result of broad background research, innovation, and development in the field of application security and identity and access management, but above all: an everlasting source of ideas, aspirations, visions, research and developments.

Monokee was founded from the experience gathered by our team on market-leading technologies and the knowledge gained by delivering consultancy for important companies. The company was established in 2017 as an innovative Startup dedicated to the development of the same name cloud-based IAM product.

The continuous development and improvement, the accuracy and quality of our work are immediately recognized by the European Commission, which assigns Monokee the quality award Seal of Excellence, and from important enterprises in the automotive, industry and education sectors who adopt it as an IAM system.

OUR VALUES

The pursuit of excellence and innovation are for Monokee the means to promote the professional growth of the team, through a program of continuous training and research, with the final aim to guarantee to the customer a product that is always at the cutting edge, able to meet the main security challenges.

OUR CHALLENGE

We have taken up the challenge launched by the growing adoption of technologies in Smart Cities and the even more ambitious Smart Landscape strategy: the need for security systems that can mitigate risks connected to the implementation of an ecosystem controlled by a huge number of relationships between people, sensors and devices.

Therefore, Monokee is an enabling platform that allows security logics to be implemented in the field of authentication, authorization and reporting towards the three main edges: people, applications and objects.

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MONOKEE
YOUR ASSETS
PROTECTOR

Monokee is a technology
enabler that integrates
identity management with
disruptive and decentralized
technologies to provide
enterprise-grade security
and compliance.
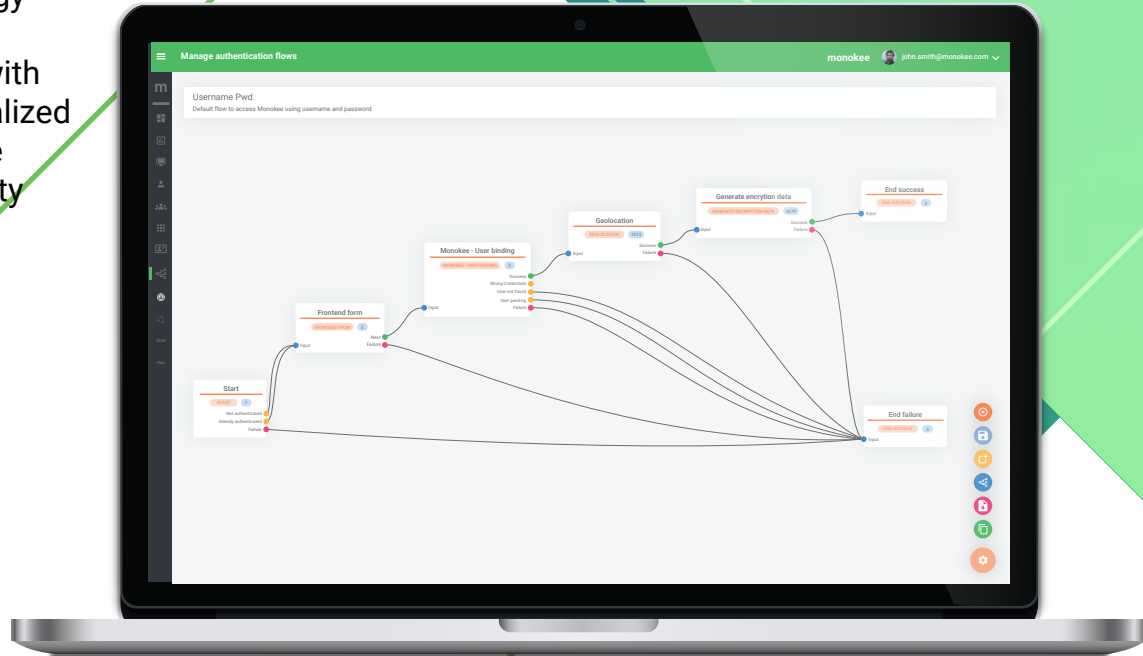
MONOKEE SIMPLIFIES THE ADOPTION OF SSI AND DECENTRALIZED SECURITY PROCESSES

Monokee enables systems administrators to implement integrated governance policies for classic IAM scopes and domain or business-specific scenarios through the proprietary visual engine.

Thanks to the powerful and unique visual builder, and with the addition of SSI-enabled technologies, Monokee brings cross-domain zero-touch IAM to the multi-stakeholder application scenario.

Monokee natively incorporates multiple distributed ledger technologies to provide seamless services integration to facilitate security and trust delegation in dynamic multi-party ecosystems; finally, effective VC issuing, verification, control, and usage ensure end-to-end verifiable and interoperable trust chains to support technology, governance, and more notably community innovation.
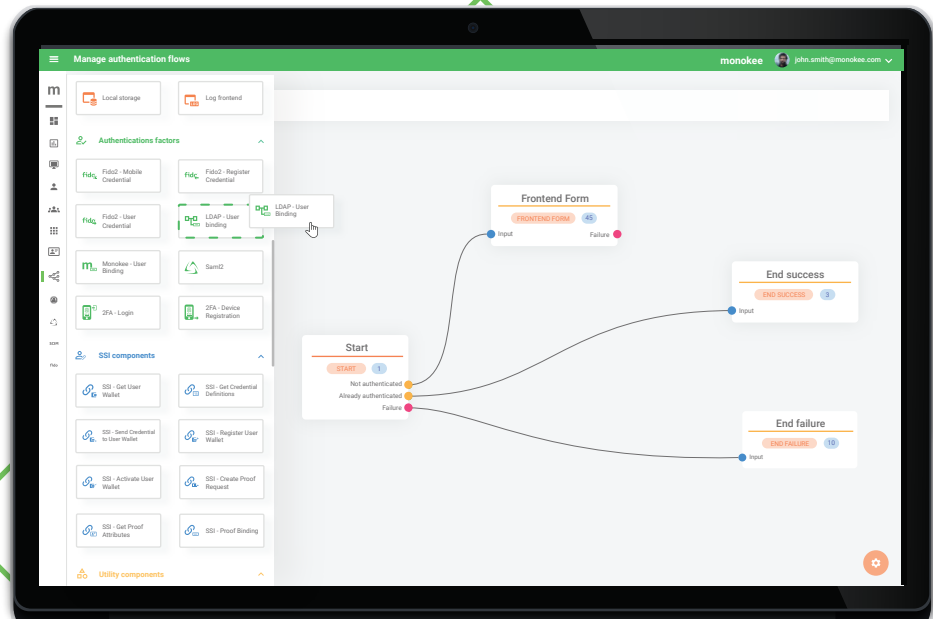
THOUSAND OF APPS, ONE IDENTITY

GIVE PEOPLE EASY SINGLE SIGN-ON AND ADVANCED PROTECTION FOR ALL THEIR APPS.

Seamless authentication experience.

With Monokee you can integrate your Active Directory and other on-premises directories and get access to all integrated apps with just one identity (SSo).

Thousand of pre-integrated apps.

Monokee already has a huge number of pre-integrated commercial and custom apps that you probably use, like Office 365, Salesforce, Box, and Workday.

Bringing your own apps.

For apps not already integrated into Monokee or your custom ones, you can easily import all them by using an userfriendly interface dedicated for each authentication standard.

Mobile apps.

Using the most secure protocols, Monokee gives you single sign-on for your mobile apps that use modern authentication across all platforms, so your people can log in just once.

BUSINESS WITHOUT BORDERS

MAKE APPLICATION AND COLLABORATION ACCESS EASILY, NO MATTER WHERE YOU HAPPEN TO BE.

Self-service.

With centralized policies, people can securely manage their own services, like registering new devices or changing passwords or asking for new apps.

Cross-organizational collaboration.

Vendors, contractors, and partners can get risk-free access from a single access point to their resources.

A single location for all the apps.

Monokee's Application Broker is a a single screen that gives your people a simple way to view and lunch all their apps and manage their accounts.

Improve the connection with your customers.

Monokee is a cost-effective, reliable, and scalable way to manage users in your consumer-facing SaaS web and mobile apps.

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MANAGE ACCESS AT SCALE

MONOKEE HELPS YOU SCALE TO MANAGE ALL EMPLOYEE, PARTNER, AND CUSTOMER IDENTITIES WITHOUT ANY DEGRADATION OF SERVICE OR INCREASE OF RISK.

Advanced user lifecycle management.

With a single identity accross all IT functions, integration with HR applications, and dynamic groups and customizable provisioning, you'll get better control of the user lifecycle and better control of the user lifecycle and better management over workloads.

Self-service capabilities.

Monokee helps keep IT overhead low with self-service capabilities, including password resets, group management, application requests, and application management.

SECURE IAM TO THE NEXT LEVEL.

WE HELP STOP CREDENTIAL COMPROMISE BEFORE IT BEGINS.

Conditional access control policies.

Application access control policies based on location, application sensitivity, device state and more help eliminate the risk of unauthorized access.

Privileged identity management.

Get added control over user identities that require privileged access with the ability to discover, restrict, and monitor them and provide just in time administration for eligible users.

Multi-factor authentication (MFA).

Monokee's MFA gives you an additional security layer for protected authentication.

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MONOKEE & GDPR COMPLIANCE

Privacy by Design

Monokee incorporates privacy principles from the earliest stages of the product design, through a risk-based approach.

Accountability

Monokee allows you demonstrate that risk assessment and the preparation of technical and organizational measures come from considered choices and can be documented.

Data minimization

Monokee allows centralized control of accesses and authorizations, defining the time periods and the amount of data to guarantee access.

Principle Of Least Privilege

Monokee ensures that each user is guaranteed the correct (minimum) amount of data access, in accordance with the users business role.

Segregation of duties

Monokee allow users to share secure applications, documents and notes without communicating their login credentials.

MONOKEE & GDPR COMPLIANCE

MONOKEE GUARANTEES

CONFIDENTIALITY | INTEGRITY | AVAILABILITY | EXACTNESS | COMPLIANCE

OF THE DATA

Personal data management and access control

Monokee ensures the protection of identities and access to devices and resources during the entire users lifecycle, based on specific access policies and multifactor authentication mechanisms.

Furthermore, it allows to quickly manage the granting and revocation of permits (Access Recertification), through federated authentication mechanisms such as SAML and OpenID.

Security of processing (from Article 5 to Article 32 GDPR)

According to article 32 GDPR, the Data Controller and the Data Processing Manager are required to implement "adequate technical and organizational measures to guarantee an adequate level of security to the risk".

Monokee reduces the risk associated with data loss and unauthorized access. At the same time, in the event of a data breach, it guarantees a rapid identification of personal data subject to infringement.

WE BUILD TRUST, SO YOU CAN PROVE WHO YOU ARE

Monokee is the new Idaas solution for digital identity management that allows people and objects to hold, control and share their identification data in a trust-based system.
In fact, Monokee implements the SSI (Self Sovereing Identity) logic according to which everything has a unique and persistent identity that can be exposed to applications and services by means of attributes certified by authorization sources.

## Minimize the risk of attack on your identity

Thanks to the distributed logic of Monokee, all authentication and authorization information will not be saved in a single centralized database, recognized today as a highly vulnerable point by malicious attacks.

Each individual or object can hold their own login credentials avoiding the centralization of critical information in a single point of failure. The unique encryption for each device will also prevent a compromised device from jeopardizing the security of the entire system.

The well-established technological solutions used by Monokee to integrate blockchain technology (cryptography, hash functions, mechanism design and much more) guarantee the highest levels of protection of personal information.

Access to institutional, school, financial, business or any other type of applications and services will be possible thanks to the suitability of the Monokee wallet to interface with any Governance Authority.
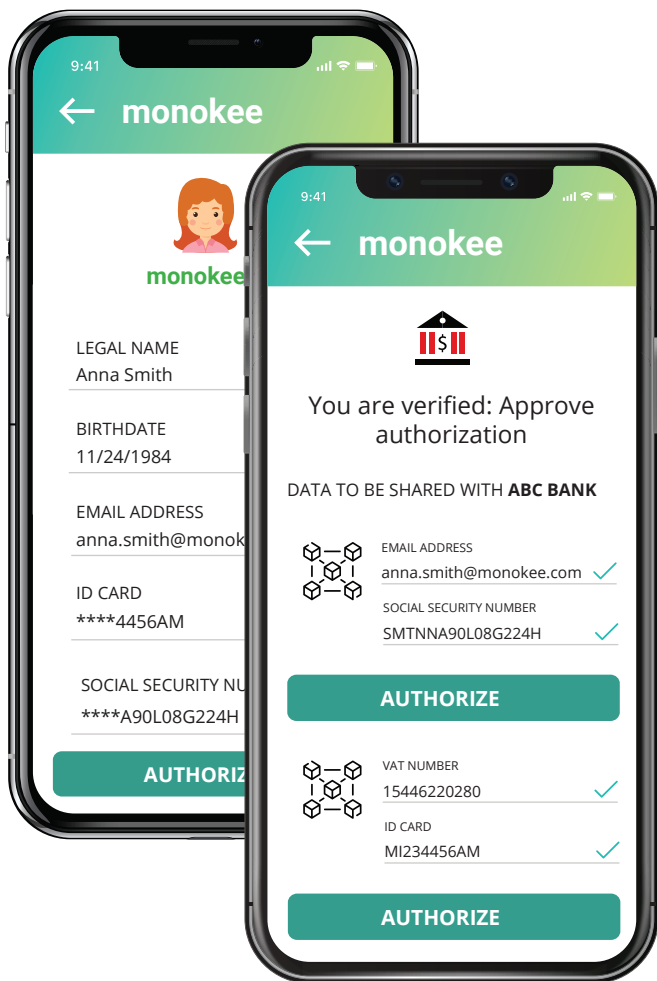
WE BUILD TRUST, SO YOU CAN PROVE WHO YOU ARE

Keep control of your data and choose what to share

Monokee it is much more: a single hub able to reconcile the data present in different blockchains and SSI domains, an application able to support the integration both with platforms based on permissionless technologies (Ethereum) and permissioned (Hyperledger).

Imagine that different services and applications that you can access, use different platforms for the implementation of SSI. This mean that your data is scattered in a multitude of different systems. With Monokee you will be able to gather all your information in a secure wallet, and share only those necessary for the authentication of each specific application with a simple click.

EXPAND YOUR CONFIDENCE IN THE OBJECTS WORLD ALSO

The identity in the objects world

Revolutionizing business models, the production and making the data collection more efficient are the challenging objectives that the current scenario requires in all fields: thanks to the connection of systems, objects, sensors and digital devices, companies are now able to offer products and services always best for its customers, but how can we guarantee the integrity of such an extensive ecosystem?

Overcome IoT challenges, simplify and manage large-scale access control

Monokee is the solution able to protect the accesses and manage the identity of all the intelligent devices that you need to connect to your network and your systems. From your administration dashboard you can easily integrate devices and define policies based on which to determine who or what is enabled to access and what commands are enabled to execute.

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EXPAND YOUR CONFIDENCE IN THE OBJECTS WORLD ALSO

With Monokee you can extend the logic of a complete Identity & Access Management system even to your smart devices. How?

ASSOCIATION
Monokee allows you a perfect integration with the existing infrastructure facilitating the on boarding of your IoT devices.

AUTHENTICATION
Allows your IoT devices to be recognized by your mission-critical applications in a unique, unalterable and safe way.

AUTHORIZATION
Allow access to your systems and data only to certified devices, verifying the relevance of synchronization and information exchange.
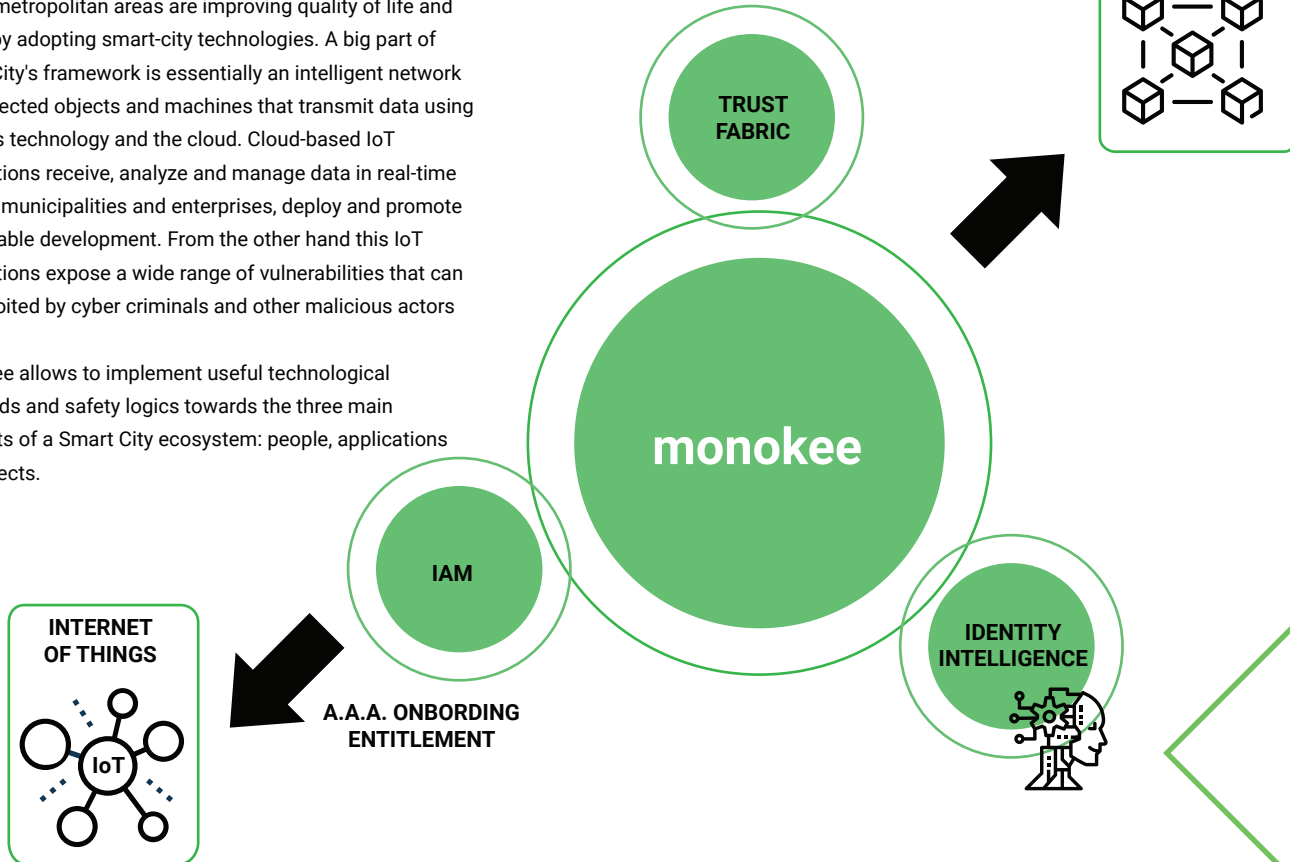
Monokee exploits the plus of a distributed system and of the decentralized identity in IoT

Monokee allows you to ensure data consistency by leveraging a single reliable framework. The iterations of your smart devices will be certified to guarantee unalterability. In this way they will in all respects become key assets for the planning of your business.

MONOKEE AND SMART CITY

Global metropolitan areas are improving quality of life and safety by adopting smart-city technologies. A big part of Smart City's framework is essentially an intelligent network of connected objects and machines that transmit data using wireless technology and the cloud. Cloud-based IoT applications receive, analyze and manage data in real-time helping municipalities and enterprises, deploy and promote sustainable development. From the other hand this IoT applications expose a wide range of vulnerabilities that can be exploited by cyber criminals and other malicious actors

Monokee allows to implement useful technological standards and safety logics towards the three main elements of a Smart City ecosystem: people, applications and objects.

BLOCKCHAIN

TRUST FABRIC

monokee

IAM

INTERNET OF THINGS

IoT

A.A.A. ONBORDING ENTITLEMENT

IDENTITY INTELLIGENCE

PARTNERSHIPS

Federated

Decentralized

monokee

GET IN TOUCH WITH US

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