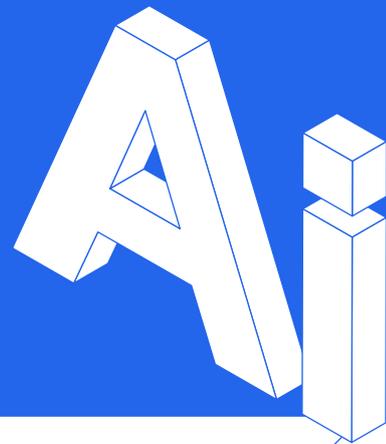


The title of the system, 'MOQI FingerID Automated Fingerprint/Palmprint Identification System (AFIS)', is displayed in white text within a large, white, rounded rectangular frame. The 'MOQI' part of the title is highlighted in a light blue color. The background of the slide features a blue gradient with white concentric circles on the left side, suggesting a fingerprint or palmprint.

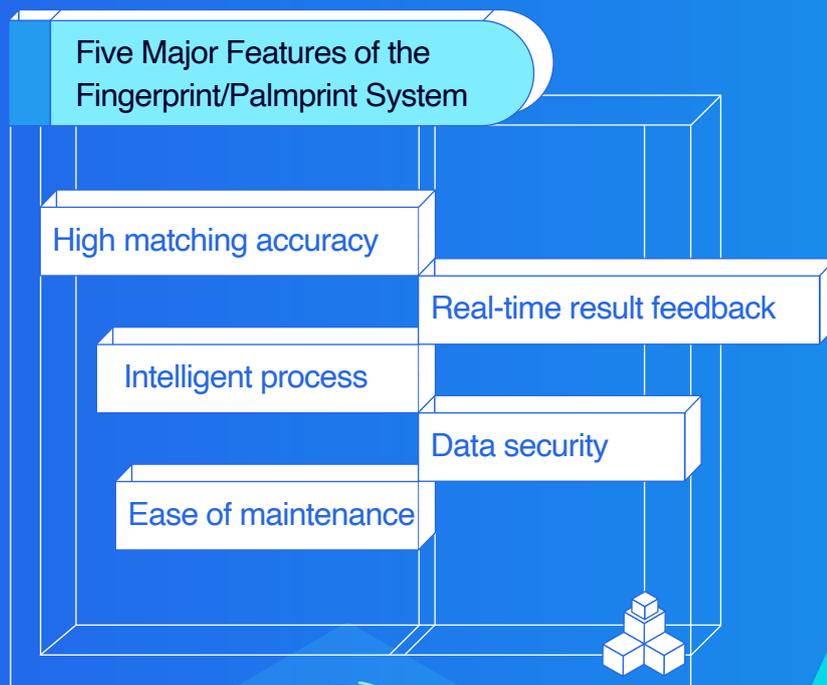
- Independently-developed lights-out matching technology
- Capable to process 4 billion fingerprints and palmprints
Identification of fingerprint/palmprint in seconds across a 10 billion-level database
- High accuracy: industry-leading matching hit rate and top-rank rate



MOQI FingerID Automated Fingerprint/Palmprint Identification System (AFIS)

The next-generation fingerprint/palmprint system designed for future biometric needs

The system provides ultimate solutions to significant problems such as decreased accuracy in matching hit rates due to constraints posed by traditional fingerprint/palmprint matching algorithms. Or another AFIS has poor timeliness for result feedback due to the tedious cracking process and high technical threshold of annotation that experts can only do. Moqi Technology has pioneered creating a new cloud service model for fingerprint/palmprint matching and a new innovative mobile application. With its five significant features of high matching accuracy, real-time result feedback, intelligent process, data security, and easy maintenance, the MOQI FingerID AFIS has taken the speed, accuracy, and scope of fingerprint/palmprint matching to an unprecedented level. And also Moqi ushered fingerprint/palmprint biotechnology into a whole new development stage, providing robust identification services for various industries.





Highlights of the MOQI FingerID

Industry-leading matching hit rate and top-rank rate

Highlight

1

- Ability to process low-quality fingerprints/palmprint images (small, blurry, distorted, incomplete, etc.) with industry-leading matching accuracy
- Actual application of the system has shown a **99% accuracy** in the top-five matching results and a **90% accuracy** in the top-one matching result

DATA

Independently-developed lights-out matching, enabling automation of the entire process

Highlight

2

- Creation of the first applicable system that **does not require human examiners annotation**
- One-stop on-site latent fingerprint/palmprint capture and matching, enabling **automation** of the entire process, supporting direct on-site matching of latent fingerprint/palmprint images in **app** and **Web**
- Provides professional fingerprint/palmprint matching functions, including **latent-print to ten-print query**, **ten-print to latent-print query**, **ten-print to ten-print query** and **latent-print to latent-print query**

Supports private deployment

Highlight

3

- Provides private deployment, with hardware and software
- Providing **real-time query** and **collaborative case investigation** in a wider scope to ensure data isolation and security

Highlight

4

Real-time matching with infinitely scalable matching capability

- First to achieve matching of fingerprint/palmprint in seconds across a **billion-level** database
- Provides flexible architecture design with infinitely scalable matching capability
- Second-level accurate matching, and a super-sized database with **million** or **billion-level** capacity
- Returns results as fast as **10 seconds**



Local Deployment



With local deployment, the system can better meet users' personalized needs and support customizable data input and management strategy, including other types of locally-held fingerprint data, fingerprint/palmprint data of the surrounding areas, and sharding strategy. Meanwhile, the system can be connected with upstream and downstream systems and work with existing business systems to deliver a better performance. It can also be deployed on mainstream cloud platforms, making full use of the computing resources of cloud platforms to ensure critical properties such as migration, elasticity, security, and other user needs.

Flexible data input

Advantage

Record and conduct matching for various data according to personal needs, such as other types of local fingerprint data, finger and palmprint data from surrounding areas, etc.

1

Advantage

Work initiative

Develop flexible work mechanisms such as regular trace-back mechanisms and action plans, according to the availability of manpower and other local conditions.

2

Flexible data management

Advantage

Manage data based on self-customized strategy, such as sharding strategy.

3

Advantage

Convenient customizing of workflows

Develop workflows that meet the actual local work needs according to the local situation, and system matches the local workflow and work mechanism, making work in the local environment more efficient.

4



About Moqi Technology



The industry-leading AI technology infrastructure and platform-based company

Moqi Technology is an industry-leading AI technology infrastructure and platform-based company. Moqi was founded in 2016 with a mission to "uncover the fundamental principles of artificial intelligence and changing the world through innovation." Under this mission, Moqi Technology is committed to building a new advanced type of AI knowledge database that automatically processes machine knowledge, such that enterprises can easily apply AI to obtain data insights and accelerate the pace of upgrading intelligent industry in the AI era. At the same time, based on the AI knowledge database, Moqi has built a next-generation identity recognition and authentication platform that is secure and reliable and protects privacy for billions of people. Furthermore, the unified physical and digital identities provide technical support for building an intelligent credit society.



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