

## NEW TECHNOLOGIES AND HIGH PERFORMANCE COMMISSION



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### Executive Summary

Since the commission was established, the IT ecosystem experienced significant growth, expanding the Judomanager system's user base and its adoption across more countries, while also advancing the promotion and development of the Minecraft platform. In addition to supporting the spread of existing IT solutions, the commission prioritised innovation. Key initiatives included the development of the Clubmanager system, the introduction of the Smart Judogi platform and the launch of efforts to explore and develop AI-driven solutions. These advances aim to modernise operations, enhance efficiency and further strengthen the IJF's technological capabilities by uniting the community digitally.

### Commission Activities (May 2023 – January 2025)

#### IJF IT Ecosystem

After the commission was established, it played an active role in developing the judo community's IT system and expanding its user base. Beginning with implementation with the Azerbaijan judo community, the growth of the IJF Ecosystem was notable during the reporting period.

Further system improvements followed these key principles:

- **Scalability:** Designed with advanced architecture to support over 1 million users, featuring automatic load balancing and elastic storage for seamless growth.
- **Security:** Utilises advanced encryption, multi-layer security and real-time monitoring to safeguard sensitive data and ensure GDPR compliance.
- **Optimised Indexing:** Employs advanced indexing strategies to enhance query performance and data retrieval efficiency.
- **Data Integrity:** Enforces strict validation and integrity rules to maintain data accuracy and consistency across the database.

Statistics	2022	2024	Growth
IJF account	600 000+	850 000+	↑ 141 %
People in Judobase	72 124	86 393	↑ 120 %
People in Judomanager	199 587	278 504	↑ 139 %

#### Judomanager

Judomanager has expanded into three additional countries successfully, marking a significant step in its global reach and influence. This expansion has paved the way for further growth, with plans already in place to introduce Judomanager to 15 more countries in the near future. This rapid development underscores the growing demand and recognition of Judomanager's capabilities, as it continues to extend its presence and impact across various regions, further enhancing the global judo community.



Current list of federations:

- SLOVENIA
- CROATIA
- AUSTRIA
- ITALY
- POLAND
- MALTA
- AZERBAIJAN
- AUSTRALIA
- GREAT BRITAN
- SWITZERLAND
- SAUDI ARABIA
- GEORGIA

### Clubmanager

Building on the success of Judomanager, we have launched Clubmanager to expand our services to judo clubs. Offering features like member management, invoicing and additional services, Clubmanager is in its early stages, with significant growth expected as promotion intensifies. This marks an exciting step in streamlining judo club operations globally.

### Minecraft

'The Mystery of the Kodokan' and 'The Mystery of the Budokan' have been downloaded over **5.2 million times**, providing an educational gaming experience that teaches judo values to millions of children worldwide. Building on this success, the IJF has launched a new Minecraft world, **Journey to the Great Shiai**. This exciting adventure not only challenges players' gaming skills but also immerses them in judo's core principles, ultimately leading them to the prestigious Games in Paris. The new world continues to expand judo's global reach through interactive, immersive experiences.

Statistics	2022	2024	Growth
<b>Budokan unique downloads</b>	500 k	5.3 M	↑ 176 %
<b>Kodokan unique downloads</b>	2.5 M		
<b>The Great Shiai downloads</b>	-	300 k	-

### Smart Judogi

Beginning in 2025, the smart judogi will debut on the World Judo Tour. Equipped with an NFC tag embedded in the IJF-approved label, this innovation will replace the traditional UV mark for verifying the authenticity of judogi through a digital system. The system will also track detailed information, including the supplier, owner, production year, events and hours of use, and the complete history of each judogi. This data will be accessible to athletes, suppliers and the IJF, supporting research and development, enhancing communication and providing valuable insights into market trends and athlete preferences.

### AI Initiatives

In response to evolving trends within the sport and technology industries, the commission is working on the development of additional AI-driven solutions aimed at automating various processes and driving innovation. These advances are designed to enhance operational efficiency, streamline workflows and provide real-time insights that will improve decision-making. By leveraging AI, the IJF seeks to stay ahead of industry trends, optimising the management of events, data analysis and athlete performance monitoring. This strategic focus on AI technology reflects the IJF's commitment to not only modernising its operations but also ensuring a more dynamic, responsive and sustainable future for judo worldwide.