

MOHSEN MAHDIAN

Founder & CEO | Industry 4.0 Solutions & Industrial IoT | Digital Transformation Executive

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PROFILE

Technology entrepreneur and senior executive with 20+ years across industrial Automation, telecom enterprise solutions, and smart infrastructure. Founder and CEO of a certified knowledge-based software company whose proprietary no-code Industry 4.0 platform, **i4Twins**, digitalizes heavy industry — mining, steel, aluminium, oil & gas, and petrochemicals — through integrated SCADA, MES, digital-twin, and AI capabilities. Previously led IoT & cloud services R&D at MCI and enterprise solutions at MTN Irancell, Iran's two largest mobile operators. Doctorate in Business Administration (Entrepreneurship) and M.Sc. in Systems & Control Engineering. Track record covers founding companies, raising private investment, building multidisciplinary engineering teams, and delivering industrial digitalization projects for national-scale enterprises.

ENTREPRENEURIAL LEADERSHIP

Founder & CEO — Dana Tadbir Integrated Intelligent Systems Co. (i4Twins), Tehran

Certified knowledge-based company, based at Pardis Technology Park — Iran's principal science & technology park.

- Conceived and built **i4Twins**: a proprietary no-code / low-code Industry 4.0 platform unifying SCADA, MES, digital twins, and generative-AI modules on a cloud-native microservices architecture (.NET, Angular, Kubernetes).
- Won and delivered industrial digitalization projects for national-scale clients from several large scale industrial plants.
- Closed a private equity investment round (CVC, 2026) to finance platform development and commercial scale-up across mining, steel, and petrochemical markets.
- Built and lead a multidisciplinary team of 25 across backend, frontend, AI, DevOps, and industrial-automation engineering; obtained official knowledge-based certification.

Co-Founder and Board Member — SEDANA Co., Tehran

- Industrial Automation/ building-automation solutions/Smart Home

CORPORATE LEADERSHIP

Head of IoT & Cloud Services, R&D Center — MCI (Hamrah-e Aval), Tehran

Iran's largest mobile network operator.

- Led the IoT and cloud services R&D portfolio.

Enterprise Solutions Manager — MTN Irancell, Tehran

Iran's largest mobile data operator; joint venture with the multinational MTN Group.

- Managed design and delivery of enterprise (B2B) ICT and IoT solutions for corporate and industrial customers.

IoT Ecosystem Manager — ParsOnline Group, Tehran

Exclusive SIGFOX (LPWAN) partner in Iran.

- Developed the SIGFOX partner and solution ecosystem for the Iranian market.

ADVISORY, MENTORING & TEACHING

- Business consultant to Iranian and Canadian startups; advisor to the CEOs of several Iranian companies.
- Strategic-planning committee member and startup mentor, Kahkeshan Accelerator — MTN Irancell Innovation Center; startup mentor, Niroo Research Institute incubator.
- University lecturer in control systems, electronics, and software engineering; professional instructor on IoT and building-automation standards — LoRaWAN, KNX, Zigbee, Z-Wave, DALI.
- Technical advisor and equipment supplier for 20+ smart-building and parking-guidance projects across multiple Iranian cities; market-research contractor for foreign companies entering the Iranian market.

EDUCATION

- Doctor of Business Administration, Entrepreneurship — University of Tehran,
- M.Sc., Systems & Control Engineering
- B.Sc., Systems & Control Engineering

CERTIFICATIONS

PMI-PBA (Professional in Business Analysis) · CCNA Routing & Switching · 5G Network Architecture (Core, RAN, Security) · eTOM Business Process Framework · UNIDO Train-the-Trainer, Entrepreneurial Support · B2B Sales Management (ANCCP Academy) · KNX Basic & Advanced · Siemens S7-300 PLC

LANGUAGES

Persian — native · English — IELTS