

Daw Alfada Your Tech ally

Profile

Tech Solutions Information Technology Smart Solutions Training

Executive Summary

Daw Alfada is a Strategic Technology Partner for National Progress.

We are Iraq's foremost vertical system integrator and EPC company, uniting ICT, software, cybersecurity, AI, IoT, and smart technologies into one holistic force. With over 20 years of legacy and a team of top-tier experts, we design, build, and operate digital ecosystems that enable ministries, oil & gas companies, enterprises, and universities to thrive in a fast-evolving world.

Our end-to-end ownership model spans concept, design, procurement, implementation, operations, and lifelong support, ensuring predictable outcomes and sustainable growth.

We provide the foundational technology infrastructure that drives efficiency, sovereignty, and economic prosperity across Iraq and beyond.



Message from the CEO

Daw Alfada is not only a technology company we are the cornerstone of Iraq's digital transformation. Our role is to redefine markets, accelerate innovation, and safeguard sovereignty through trusted, future-proof solutions. Over the next five years, we will lead Iraq to become one of the most advanced technology adopters in the region, and position Daw Alfada among the top international consultancies shaping the world's digital future.

VISION

To lead the redesign of our market and our country, making Iraq a regional leader in technology adoption within the next five years, and to become one of the top-ranked international technology consultancies.

Mission

To empower Iraq and the region with secure, innovative, and future-proof technologies that meet international standards while addressing local needs.

Core Values

Innovation	Trusted partnerships through transparency.
Excellence	Uncompromising quality in every project.
Integrity	Trusted partnerships through transparency.
Sustainability	Long-term societal and ecological impact.
Empowerment	Democratizing access to technology.
Commitment to Global Standards	ISO, ITU-T, IEEE, FIDIC compliance.
Integration Power	Combining vertical system integration with ICT expertise.

Our Expertise & Services

Information Technology & ICT Solutions

Infrastructure, data centers, software platforms, cloud, and AI-driven systems.

Smart Solutions

Smart compounds, smart cities, IoT, automation, and GPS fleet management solutions.

Cybersecurity

From penetration testing to holistic strategic cyber defense and critical infrastructure safeguarding.

Training & Development

Professional certifications, corporate training, and youth empowerment programs.

Artificial Intelligence

Academic and practical AI expertise, deployed in industry, government, and smart ecosystems.

Communication Systems

Deep knowledge in telecom, FTTH, and integrated communication infrastructures.

EPC Services

End-to-end Engineering, Procurement, and Construction of ICT, telecom, and smart city projects.

Infrastructure & Supply

~200 m

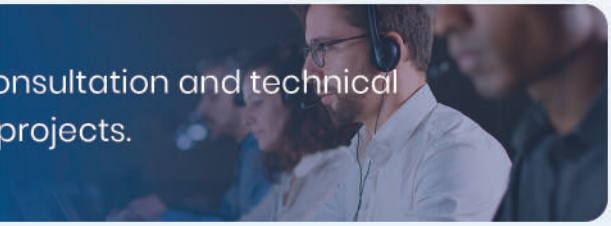
of fiber-optic cable Supplied across national infrastructure programs.

420,000+ ONTs
2,850+ OLTs

Deliveredto telecom networks nationwide.

6 Years

continuous engineering consultation and technical support to sustain critical projects.



National Products & Local Manufacturing

Iraq's first officially registered national telecom brand–with 600+ products (passive optics, cables, testing tools, network accessories,power solution).

Collaboration with EIC / Al-Qithara to establish a local fiber-optic cable factory, strengthening industrial sovereignty.

Innovation & Platforms

AI-driven GPS fleet management (tracking, telematics, fuel, analytics) serving 150+ companies in Iraq.

Established a cybersecurity capacity-building program, delivering workshops and strengthening national defense capabilities.



Academic & Community Engagement

Donated a fully equipped optical laboratory to Al Iraqia University.

Partnered with CMC to redesign university labs (optical sensing, digital communication, microwave & antenna).

Long-term collaboration with University of Technology, Al-Ma'moun, Al-Mustaqbal, Al-Nahrain on FTTH, ICT design, and smart-university programs.

Trained 300 young women across 6 provinces with the PM's Consultant Office for Women's Affairs.

Supported reintegration of student prisoners via training and post-graduation employment.

Launched a Training & Development Unit to transfer Daw Alfada know-how to students and the public.

Smart Residential Compounds (EPC)

Al Remas, Al Farouq, and other high-profile developments.



Strategic EPC

Government & Enterprise

- Full rehabilitation of CMC data center & ICT infrastructure.
- Atomic Energy Buildings (Baghdad): telecom & surveillance design.
- Najaf Cement Plant and OPDC: end-to-end ICT infrastructure

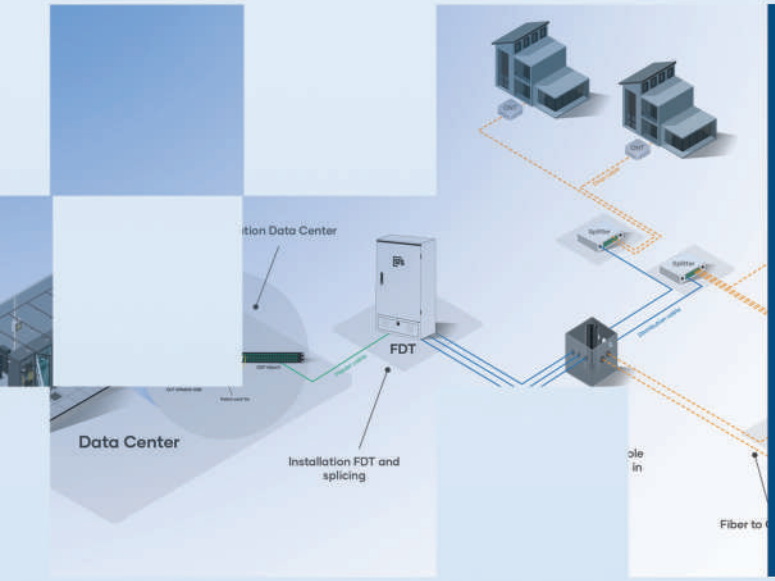




Oil & Gas
(National 42-Line)

Designed the pipeline protection & telecom system in collaboration with Nokia & Optosense, covering the Basra to Haditha route.

Projects



FTTH National Projects

- Kirkuk (with Tariq Al-Thuraya): rollout covering 10,000+ households.
- Alwatani / CobaltTech (Kut): delivery for ~4,000 households.
- Dewania: operating the National FTTH network as a contractor from 2022 (10,000+ households).

Our Differentiators

Full Turnkey Integration

Single-point responsibility from design to lifecycle support.

Local Expertise, Global Standards

Decades in Iraq, aligned with ISO, ITU-T, IEEE, and FIDIC.

Sustainable & Community-Focused

Solutions designed to last and impact communities.

Certified Excellence

Processes aligned with international quality and

Social Responsibility & Human Capital Development

At Daw Alfada, we believe that true progress is measured not only by technological achievements but also by the positive impact we create in our society. Over the years, we have consistently invested in education, youth, and community development across Iraq.

University Contributions

Donated a fully equipped optical laboratory to Al Iraqia University and supported multiple universities through labs, consultancy, and training programs.

National Collaboration

Partnered with the CMC to support the redesign of university laboratories (Optical Sensing, Digital Communication, Microwave).

Youth Empowerment

Delivered free training to thousands of students nationwide, with a special focus on bridging the gap between academia and industry.

Research and development (R&D) Contributions

At Daw Alfada, we actively contribute to the advancement of scientific research by publishing impactful papers in reputable venues. Our research initiatives are designed not only to expand the boundaries of knowledge but also to address pressing industry and societal challenges. Through these efforts, we have established a strong foundation for innovation, positioning Daw Alfada as a trusted partner that bridges academic excellence with practical applications. Working on Smart homes, smart cities, IoT, and Industrial IoT is at the core of our research efforts. Having a strong foundation in 5G/6G research and the different aspects of wireless communications and networking enabled us to focus more on the emerging technologies and local societal needs in research. Finally, having a strong and effective cybersecurity/Information security and an expert level development team encouraged us to work on innovative solutions that combine the cutting edge research with the real world problems and the development efforts to deliver high quality products and services to our customers.

Summer Training Programs

For three consecutive years, Daw Alfada has hosted summer training for students from more than six leading universities in Baghdad, providing hands-on experience and mentorship.

Employment & Career Development

Fully sponsored and organized a Job Fair with the University of Information Technology and Business Informatics, connecting graduates with real career opportunities.

Government Support

Conducted hundreds of workshops for ministries and government agencies to strengthen ICT, cybersecurity, and digital transformation capacities.

Charity & Humanitarian Support

Contributed to tens of charities, orphanages, cancer patients, and elderly care centers. During the COVID-19 crisis, our CEO personally funded and donated protective masks and oxygen measuring devices to hospitals and local communities despite financial challenges.

This strong commitment to social responsibility and human capital development distinguishes Daw Alfada as a company that not only drives Iraq's digital transformation but also builds a sustainable and inclusive future for its people.

Our Commitment to Global Excellence and Standards

At Daw Al-Fada, we place great importance on adopting internationally recognized standards and management systems that ensure the quality, reliability, and sustainability of the smart projects and technology solutions we deliver. To this end, our company has obtained a comprehensive set of ISO certifications and global accreditations, reflecting our strong commitment to excellence and continuous improvement.

ISO 9001:2015	ISO 22301:2019	ISO 27001:2022	ISO 14001:2015
Ensuring high-quality services that meet our clients' expectations.	Preparedness to manage risks and maintain uninterrupted operations.	Protecting client data and critical information to the highest standards.	Minimizing environmental impact in our projects responsibly.
ISO 45001:2018	**ISO/IEC 20000-1:2018**	**ISO 21500:2021**	**HSE-MS**
Providing a safe and healthy environment for employees and partners.	Delivering reliable IT services aligned with global best practices.	Executing projects efficiently according to internationally recognized guidelines.	Protecting people, communities, and the environment in all our operations.

Our Team

Hayder Kareem Abed
Chief Executive Officer (CEO)

Ahmed Mahdy
Director of Business Development

Ibrahim Mohammed
Technology Executive Director

Dr. Omar Hussein
Director of Training Center

Dr. Mustafa Sadiq
Director of Research & Development (R&D)

Sherko Baba Ali
Director of Business Process Office (BPO)

Mustafa Dheyaa
Head of Information Security

Dr. Thamer Fahad
Director of Fiber Optic Cable Factory

Partnership & Global Reach

HUAWEI · NOKIA · BDCOM Connecting a Better World · FiberHome · HIKVISION

ZTT Europe GmbH · SDGI · OptoSense · dura-line

HPE · DELL EMC · ORACLE · SOPHOS · FORTINET

EIC · EXFO · CLOUDFLARE · TREND MICRO · MOTOROLA

Clients

Asiacell brings us together · Supercell For Internet Services LTD · fiberX · EARTHLINK

HORIZON · GlobalTek Professional Solutions · taaleem.iq تعليم · NASS AL IRAQ HOLDING · ICRC

OPDC

INFORMATION SECURITY



At Daw-Alfada, we understand that information security in our digital age is not an option, but a necessity. Our dedicated team of security experts is dedicated to protecting your organization from evolving threats that challenge data integrity, confidentiality,and availability

KEY HIGHLIGHTS OF OUR EXPERTISE

Diverse Technical Proficiency

Our team is proficient in programming languages such as PHP, JavaScript, Python, and more, enabling us to adapt to a wide range of technological challenges.

Proven Track Record in Vulnerability Discovery

We've identified and reported over 500 vulnerabilities through platforms like HackerOne and external vulnerability reporting programs for leading organizations, including:

Apple, MTN , Deutsche Telekom, Nokia, UN, Asus, Lenovo, NordVPN, USDOD, Red Hat, BlackBerry, McAfee and more

This achievement underscores our commitment to enhancing global cybersecurity and ensuring the safety of critical digital infrastructures.

Active Participation in Competitive Cybersecurity Events

Our team has showcased its expertise in prominent Capture The Flag (CTF) competitions and cybersecurity challenges, including:

- Black Hat MEA 2022 & 2023
- Iraq National Cybersecurity CTF 2019, 2020, 2021
- Cyber Talents Arab Regional 2022
- Asia-Pacific Regional Cybersecurity CTF 2022
- Cybersecurity Center - Ministry of Interior) MOI)
- Iraq IT-Live
- GISEC

OUR SERVICE

Providing customized services

We offer customized training programs and workshops to provide your employees with the knowledge and skills needed to enhance information security within your organization. Training topics include:

- Basics of Digital Forensics
- Cybersecurity Essentials for Everyone
- Understanding Cyber Risks for Employees.
- Intro to Vulnerability Assessment and Penetration Testing
- Spotting Phishing Scams: Protect Yourself and the Company

Information Security Consulting

We provide strategic guidance to identify risks, enhance defenses, and implement tailored security solutions. Our consulting services ensure compliance with global standards while protecting critical business operations.

Governance, Risk, and Compliance (GRC)

Our services help organizations align security strategies with business objectives and comply with required standards and regulations. We provide consulting aimed at improving risk management and enhancing

Phishing Simulation Service

We provide realistic phishing attacks to test and train employees in identifying threats. We simulate various phishing methods, providing immediate feedback and educational resources. Detailed reports track progress and highlight areas for improvement. Regular simulations help enhance organizational cybersecurity awareness.

IT Audits

We conduct comprehensive audits of IT systems to ensure compliance with best practices and identify areas for improvement. We help organizations identify gaps and prepare an action plan to correct them.

Penetration Testing

We conduct simulated attacks on systems to assess the effectiveness of their defenses. This provides valuable insights into how systems respond to potential threats, enabling us to provide clear strategies for improving security.

Vulnerability Assessment

We provide comprehensive assessments to identify potential vulnerabilities in your systems, helping to uncover weaknesses before they are exploited. We prepare detailed reports with actionable recommendations for improvement.

Digital Forensics and Incident Response (DFIR)

We respond quickly and effectively to security incidents, providing thorough investigations to uncover root causes and strengthen defenses against future threats.
We help secure digital evidence to ensure data integrity and provide accurate information to aid decision-making.

Security Operations Center (SOC) Service

We provide SOC as a service 24/7/365, offering continuous monitoring, real-time threat detection, and rapid response to safeguard your organization. Our expert team uses advanced tools to detect, analyze, and respond to cyber threats, minimizing risks and downtime. With proactive incident management and detailed reporting, we ensure your systems remain secure and compliant around the clock.

Virtual Chief Information Security Officer (vCISO) Service

Our vCISO service provides expert leadership to develop and implement robust security strategies tailored to your needs. Wev offer continuous risk management, compliance
guidance, and strategic oversight. With us, you get proactive cybersecurity leadership without the cost of a fulltime executive. Strengthen your organization's security posture and resilience today.

Comprehensive Security Licensing Service

We provide licenses for top-tier security solutions from over 30 trusted partners, including industry leaders like Trend Micro, Kaspersky, Fortinet, Cloudflare, and Sophos. Our service covers antivirus, EDR, firewall, and endpoint protection, ensuring comprehensive cybersecurity for your organization. With flexible licensing options and expert support, we streamline security management across your network. Trust us to deliver the best security technologies tailored to your unique business needs.

CERTIFICATES





























Yamme

Advanced Fleet Management Solutions



Yamme, a pioneering AI-driven fleet management platform developed by Iraqi expertise from Daw-Alrada, offers comprehensive solutions tailored to enhance fleet efficiency and operational cost-effectiveness. The platform features robust GPS tracking, video telematics, and extensive diagnostic tools. Key solutions include:

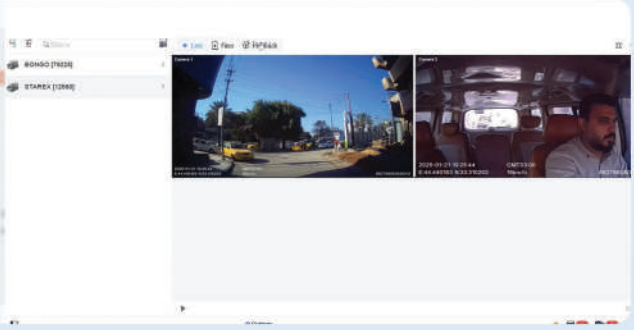
Real-Time Vehicle Tracking

Monitor vehicle locations and conditions using GPS to ensure fleet security and efficient management.



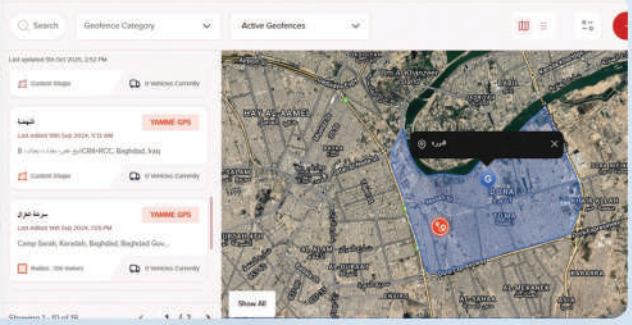
Video Telematics

Utilize cameras and sensors to monitor driving behavior and provide valuable safety insights, which can help reduce accidents and coach drivers.



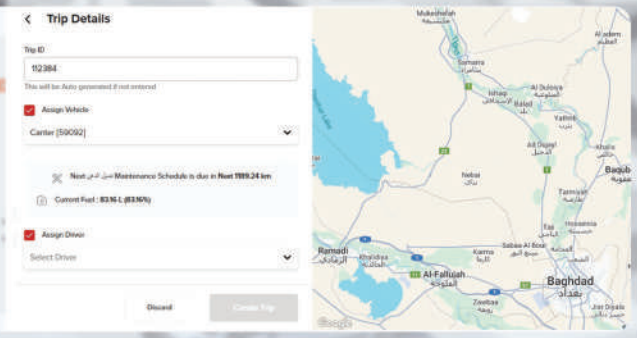
Geofencing

Set up virtual perimeters for real-time alerts on vehicle entry and exit, enhancing security and operational control.



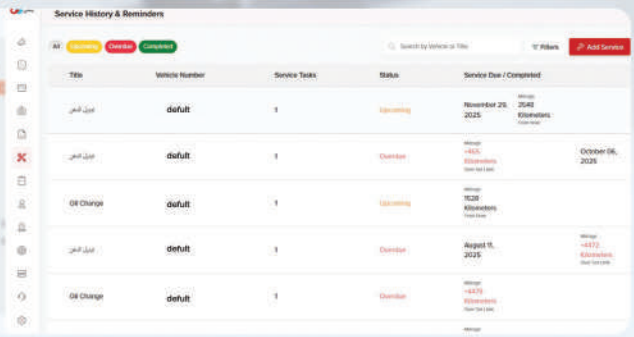
Trip Scheduling and Dispatch

Automate trip scheduling and dispatch processes to improve efficiency without the need for constant communication with drivers.



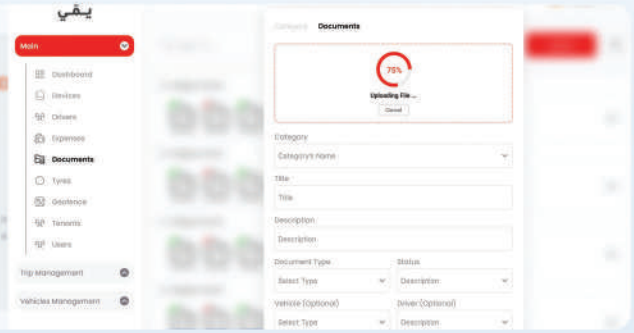
Fuel and Maintenance Management

Track and optimize fuel usage and schedule maintenance to minimize costs and maximize vehicle uptime.



Advanced Reporting

Gain insights with analytics on fleet performance, including driver behavior, vehicle usage, and compliance metrics.



These solutions are integrated into a user-friendly platform that supports both desktop and mobile access, providing flexible management capabilities that cater to diverse fleet needs. Yamme's technology not only focuses on operational efficiency but also emphasizes security measures, such as remote vehicle control and customizable alerts for unauthorized actions.

"For businesses looking to enhance their fleet operations with cutting-edge technology, Yamme offers a robust suite of tools designed to meet the modern demands of fleet management. This integration can significantly contribute to streamlined operations, improved safety standards, and reduced costs in fleet management practices."

For additional information and to explore all the services Yamme offers, you can visit their official site at **yamme.iq**

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