TATWEER

NEWSLETTER

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New **Awarded Projects**

Integrated Transport Center (ITC)

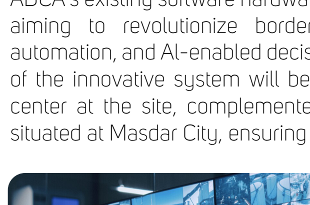
•High-Speed Weigh-in-Motion (HS-WiM) Enforcement System

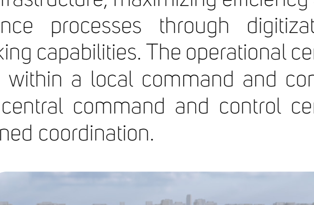
In an important step towards boosting road safety measures, Tatweer has been entrusted with the development and implementation of the High-Speed Weigh-in-Motion (HS-WIM) System across the Abu Dhabi emirate. Harnessing cutting-edge technologies, the HS-WIM Enforcement System measures axle weights of moving trucks in real time, guaranteeing adherence to regulatory standards and thereby mitigating the risk of premature road deterioration.

Abu Dhabi Customs Administration (ADCA)

•Customs Border Solution

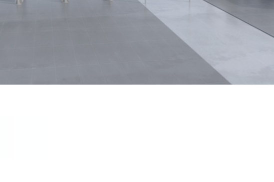
Tatweer is joining forces with ADCA to lead the development of a unified, integrated, and intelligent system tailored for the customs border solution (Tracking and Controlling). The system is designed for seamless integration with ADCA's existing software hardware and infrastructure, maximizing efficiency and aiming to revolutionize border clearance processes through digitization, automation, and AI-enabled decision-making capabilities. The operational center of the innovative system will be housed within a local command and control center at the site, complemented by a central command and control center situated at Masdar City, ensuring streamlined coordination.





Al Ain City Municipality (AACM)

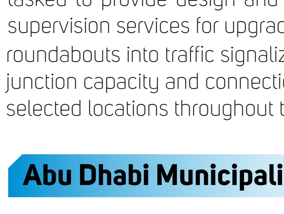
•Upgrading of Existing Roundabouts in Al Ain City



To reduce current and future traffic congestion and enhance traffic flow and safety on certain roads in Al Ain city while ensuring a safe environment for pedestrians and cyclists, Tatweer has been tasked to provide design and construction supervision services for upgrading selected roundabouts into traffic signalized intersections. This upgrade will improve junction capacity and connections with existing roads and access points at selected locations throughout the city.

Abu Dhabi Municipality (ADM)

• Pedestrian Improvements around Bus Stops and Pedestrian Crossings in Abu Dhabi



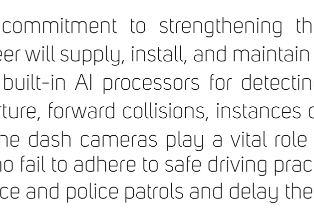
Tatweer has been awarded the design review and supervision of construction activities, providing technical review and supervision services. The primary goal of the project is to enhance accessibility and pedestrian safety around bus stops. This aims to improve the traffic safety system at pedestrian crossings in Abu Dhabi, adhere to international best standards, and support Abu Dhabi's vision of achieving zero road accident fatalities by 2030.

Abu Dhabi Police

•Dashboard Cameras of Abu Dhabi Police Cars

In alignment with Abu Dhabi Police's commitment to strengthening the operational capabilities of its patrols, Tatweer will supply, install, and maintain advanced dash cameras equipped with built-in AI processors for detecting various driving events such as lane departure, forward collisions, instances of improper driving behavior. Furthermore, the dash cameras play a vital role in enabling rapid identification of drivers who fail to adhere to safe driving practices such as give way to emergency ambulance and police patrols and delay their access to accident sites.

•Abu Dhabi Police Smart Patrol Maintenance



To ensure the optimal performance of the Abu Dhabi Police smart patrol vehicle system, Tatweer will be providing comprehensive maintenance services, including corrective and periodic maintenance of patrol systems, equipment, and surveillance cameras. Additionally, the scope encompasses the maintenance of vehicle plate reading systems, facial recognition technology, speed enforcement, seat belt and phone use monitoring, and the overall preservation of the systems box. These services will enhance the efficiency of the patrol vehicles, ensuring service continuity and its efficiency.

Abu Dhabi Civil Defense Authority

• Fleet Management System

Tatweer is developing a unified platform for vehicle tracking, fleet management, and monitoring to strengthen regulatory control and enhance decision-making for the Abu Dhabi Civil Defense Authority. This advanced system provides real-time vehicle tracking, generates insightful operational reports, and supports informed business decisions. Designed with flexibility, it allows for the future integration of additional modules and features, further improving its capacity to address business and operational challenges.

Contract **Renewal**

Ministry of Interior Renews Contract for the LEAD DNA

The Ministry of Interior has renewed its partnership with Tatweer for the LEAD DNA platform for 2024, which offers robust DNA database storage and customization capabilities. This platform provides a secure and scalable solution for managing genetic information. Designed for flexibility and precision, it enables the sharing of metadata DNA profiles among seven forensic labs across the UAE. Additionally, it offers customization options to tailor the database to specific needs. This innovative platform ensures data integrity and accessibility, along with management reporting dashboards.

New **Strategic Partnerships**

Rail Vikas Nigam Limited (RVNL)

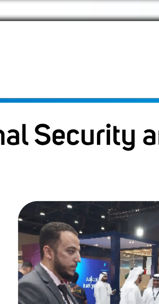
RVNL embarked on a visit to Tatweer office, marking a crucial step towards collaboration in forthcoming projects within the rail and transport sector. This partnership shows a mutual commitment to enhancing rail transport infrastructure and contribute to the advancement of transportation systems. It also underscores the shared vision of both entities to foster innovation and excellence in the realm of rail development, aiming to elevate the efficiency of transportation services.

Phoenix Global

Tatweer is partnering with Phoenix Global, an international consulting and investment firm with bases in the USA and UAE. This partnership aims to explore business opportunities worldwide by leveraging Phoenix Global strategic insights. The partnership will focus on business development across various sectors, including smart mobility, smart vehicle, and policing.

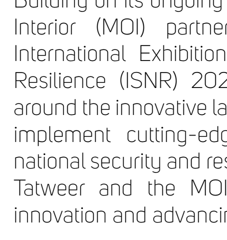
New **Events**

The International Exhibition for National Security and Resilience (ISNR) 2024



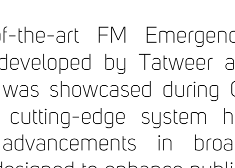
Building on its ongoing collaboration, the Ministry of Interior (MOI) partnered with Tatweer at the International Exhibition for National Security and Resilience (ISNR) 2024.This joint effort centered around the innovative lab, which aims to develop and implement cutting-edge solutions for enhancing national security and resilience. By working together, Tatweer and the MOI are committed to driving innovation and advancing technological capabilities.

CABSAT 2024



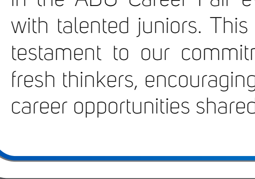
The state-of-the-art FM Emergency Alert System co-developed by Tatweer and Axel Technology was showcased during CABSAT 2024. This cutting-edge system highlights the latest advancements in broadcasting technology designed to enhance public safety. By integrating real-time emergency alerts into FM radio broadcasts, this system ensures that critical information is delivered promptly during emergencies.

IRF MENA Committee Meeting



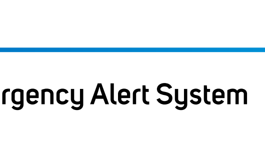
Tatweer participated in the 3rd IRF MENA Committee meeting, organized by the Integrated Transport Centre and the Department of Municipalities and Transport of Abu Dhabi. This event coincided with Abu Dhabi Mobility Week, featuring exciting activities such as Mobility Live. We had the pleasure of engaging with top-tier colleagues in the industry.

UAE Water Knowledge Exchange Event



At the UAE Water Knowledge Exchange Event 2024, Tatweer team actively participated in sessions focused on water, wastewater, and stormwater systems, exploring a wide range of sustainable solutions. The event aims to enhance regional water management and mitigate hazards in response to increasing challenges of frequent flooding and water scarcity.

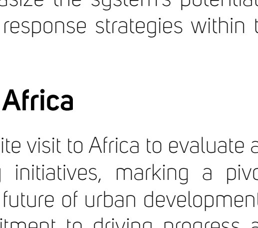
Abu Dhabi University Career Fair Event



Tatweer was delighted to have participated in the ADU Career Fair event, connecting with talented juniors. This participation is a testament to our commitment to aspiring fresh thinkers, encouraging them to explore career opportunities shared by our team.

Corporate Missions

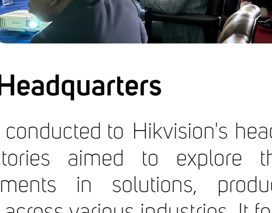
Onsite Demonstration of FM Emergency Alert System in Bahrain



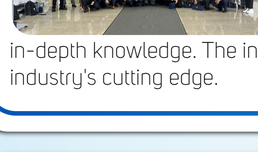
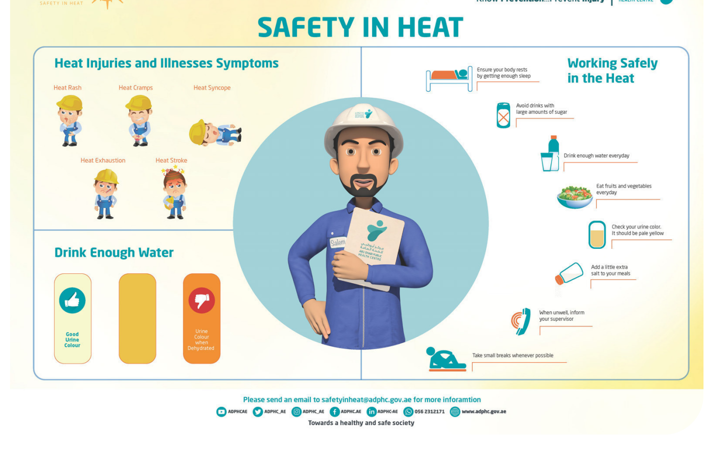
In a recent visit to the Ministry of Information (MOI) in Bahrain, Tatweer set out to present the FM Emergency Alert system through an onsite demonstration which served as a pivotal opportunity to provide MOI officials with a comprehensive understanding of the system's capabilities and functionalities. By providing such demo, Tatweer sought to emphasize the system's potential in revolutionizing emergency communication and response strategies within the Kingdom of Bahrain.

Pioneering Smart City Initiatives in Africa

Our team embarked on a journey, conducting a site visit to Africa to evaluate and engage in discussions surrounding smart city initiatives, marking a pivotal moment in the collaborative efforts to shape the future of urban development in Africa. Tatweer presence underscored a commitment to driving progress and embracing technological advancements.



Tatweer's Visit to Hikvision's Headquarters



The visit conducted to Hikvision's headquarters and factories aimed to explore the latest advancements in solutions, products, and systems across various industries. It focused on innovations in public transit, safe city initiatives, traffic management, and building solutions, providing invaluable opportunity to gain in-depth knowledge. The insights gained are set to ensure Tatweer remains at the industry's cutting edge.