

Data service application of Civil IoT Taiwan boosts global market presence.

The Administration for Digital Industries(ADI) is actively promoting the use of data from Civil IoT Taiwan and integrating it with other public and private sector data to develop data-driven applications and IoT solutions with commercial value. ADI assists businesses in securing international orders, achieving a total of NT\$12.6 billion in revenue.

International representatives in various fields of solution output are as follows:

International Export of Solutions in the Water Resources Domain:

AQUAS INC. applies the CloT Data Platform, integrating data from the Water Resources Agency (river water level, flow rate, water quality), the Central Weather Bureau (meteorological and rainfall data), as well as self-built monitoring data for discharged water from factories, sewage systems, and rivers. Collaborating with research and development resources from National Taiwan University for field validation, then exports its solutions to international markets.

International Export of Solutions in the Air Quality Domain:

CAMEO INC. applies the CloT Data Platform, incorporating data from the Central Weather Bureau (seismic instruments, rainfall stations), flood sensors from the Water Resources Agency, smart urban and rural micro air quality sensors, and a mix of data such as electric vehicle charging stations, real-time GPS tracking for fleets, AI image analysis for instant weather assessment, and road environment information. These datasets are introduced for validation in relevant fields, with the intention of exporting to the international market.

International Export of Solutions in the Earthquake Domain:

P-Waver Inc. utilizes the CloT platform to collect seismic and on-site

structural mapping data. Additionally, it develops an AI-based earthquake early warning and structural safety monitoring solution. This solution aims to provide pre-earthquake warnings and automatically assess structural safety post-earthquake. The plan is to introduce this solution for validation in relevant fields, with the ultimate goal of exporting it to the international market.

International Export of Solutions in the Disaster Prevention Domain

ThinkTron Co., Ltd. applies the CloT Data Platform, incorporating data from the Disaster Prevention Center (disaster warnings), the Fire Department (incident reports), the Central Weather Bureau and Water Resources Agency (rainfall), the Central Weather Bureau and Seismological Center (earthquakes), and the Water Resources Agency (regional drainage water levels). It also integrates on-site environmental sensing data. These datasets are introduced for validation in relevant fields, with the ultimate goal of exporting the integrated information to the international market.



