About

Noodoe EV is on a mission to make the world greener by accelerating the world's transition to electric transportation. In this quest, we produce well-designed EV charging infrastructure solutions that help construction, retail, hospitality industries and public sectors be part of the global zero-emission revolution.

Through innovation Noodoe empowers businesses to turn their parking lots into profitable charging stations. We enable hotels to become recharging sanctuaries that attract high value patrons. The company also provides charging infrastructure, enabling governments and energy companies to build eco-friendly "smart" cities. Beyond automobiles, Noodoe's endeavors extend to motorcycles; through innovation we partner with global brands to bring the electric riding experience to consumers worldwide. Noodoe provides products and services used in 110 countries.

www.noodoe.com

Solution

EV charging monitoring and operation cloud management platform for smart cities - Noodoe EV OS

Solution Description

As people nowadays value air quality more, we have cooperated on promoting the "AI air pollution governing platform and emergency management procedures" in order to advance technological environmental governance. We strengthen the monitoring of air quality by not only considering national monitoring stations, but also building regional monitoring networks, thus making us able to track and control cross-regional air pollution all over Taiwan. Our product/ solution covers three different aspects- (1) pollutant source detecting, (2) potential area monitoring, and (3) inspection planning.

Through highly concentrated environmental monitoring IoTs, domain knowledge of environmental governance, and Artificial Intelligence technology, we are capable of analyzing environmental sensing data by time and space, to the scale of minutes and streets/blocks, building environmental monitoring networks with consideration of the air flow and other variances. With AI machine learning, adjusting, analyzing, predicting, we can strengthen the government's supervising capability on particular pollution sources.

With AI analyzing potential area of pollution emissions, we can traceback the timeline to simulate and visualize potential pollution emission events and areas by combining heterogeneous data. Then we can provide our simulation to government departments for potential strategic decisions.

About

Taiwan International Development Co., Ltd. has been deeply involved in the smart parking industry for 15 years. The main business scope are the parking lot management industry, IT & software service industry and management consultancy. The company's innovation achievements include the Golden Thumb Award by Executive Yuan in 2013, 2014 and 2018. And the technology projects from Smart City Taiwan by the Ministry of Economic Affairs (MOEA) in 2018 July. In October 2017, The Project office of Asia Silicon Valley Development Plan approved TIDC's ecosystem as a Smart Parking National Team. In the past, TIDC has cooperated with major SI vendors such as HP and NEC to develop roadside billing systems, and has successively obtained the Emerging Technology R&D program by MOEA.

www.greenparking.com.tw

Solution

Smart parking management platform

Solution Description

The project combines "parking" and "business district" to create a new innovative service model. The roadside parking management in Tainan and Pingtung is mainly used to set up the IoT-related sensors. In the "business district", in order to activate the Pingtung and Tainan business districts, the appointed cooperates with department stores and business district stores in these areas provide popular preferential information and propose a parking discount scheme to improve parking services and a novel service model. In addition, the project provides a smart parking app to collect data on people's parking and consumption data for future big data analysis. To build the Smart Parking Business Intelligence System (BI), and its future results will provide the company, government, and ecosystem partners to predict decisions and to provide an important policy reference for the future MaaS policies.

About

Our company is the operator of Taipei Bus station which providing convenient and comfortable services for passengers here. In addition to maintaining environmental quality and personnel management, we are also responsible for eliminating various emergencies to ensure excellent public construction operating properly.

The Taipei Transit Station is the first four-story bus station in the world, with one-in and two-out design. It makes vehicles drive easier and sooner to the highway, effectively reducing urban traffic impact. Taipei Bus Station links with National Highway Passenger Transport, Taiwan Railway, THSR, MRT and Airport MRT. Five railways system which not only meets the users' pursuit of seamless transportation, but also achieves the high traffic efficiency pursued by government.

TBS spent 100 million yuan to build an exclusive intelligent management system, advanced schedule display system, convenient shuttle information query system, automated parking station dispatching system, and the waiting hall which is comparable to the airport terminal. These intelligent systems inject new vitality into the highway bus transportation and show the different new look.

https://reurl.cc/O12Mxv

Solution

Integrated ticketing with mobile payment service

Solution Description

TBS ticketing platform is launched by Wan Da Tong Enterprise Co., Ltd. This application horizontally integrates the ticketing of nine highway bus companies, and continues to negotiate with different companies such as Taiwan's good travel and shipping. For non-systemic companies, TBS also provides a franchisee system with complete functions including "search, book, pay, take, check, refund, divide, exchange".

As to vertical integration, to realize the MaaS concept, TBS includes accommodation and travelling and supports three mobile payment methods for saving ticket paper and human resources. TBS also supports dual systems of Android and IOS to help various users. Through TBS, not only can reduce the costumer pressure from the counter, improve service quality, but also be an opportunity to promote industrial upgrading, which is an important milestone in transportation informatization.

About

Askey – built on trust !

Askey Computer Corporation was founded in 1989. A wholly owned subsidiary of ASUS Computers, one of the most admired enterprises today, Askey specializes in the manufacturing and development of state of the art electronic and network communications products and tools. Askey has built a solid reputation of trust and integrity over the years and has numerous customers from all over the world.

Thanks to the trust of its worldwide customers, Askey has become a major player in the Information Technology arena. Askey's headquarters are located in Taipei, Taiwan. Additionally, Askey owns a factory park in Suzhou, China, where it operates three highly advanced processing plants. Driven by innovation, Askey's business philosophy is based on sustainable progress, empowerment and trust with the ultimate goal of having happy, satisfied customers.

To continue the role of a leading worldwide provider of broadband connectivity solutions, Askey has been relentless in pursuing' new technologies. The portfolio of technologies is the foundation from which we expand our varieties of solutions where' hardware, software and cloud services are combined to create great customer experiences.

With strong research and development backgrounds in each of these core technologies, Askey not only caters to the needs of' our customers & partners, including Service Providers, System Integrators, Technology Startups, major players, and Government' organizations, we're able to combine these technologies to bring highly integrated solutions so they can enrich the experiences' and daily lives of the end-users.

www.askey.com.tw

Solution

Indoor Positioning and AR Navigation Solution

Solution Description

Stations are getting smarter! Askey has deployed new technologies in the development of smart cities. It has launched the first AR (Augmented Reality) indoor navigation system in Taiwan. In Taipei Station and Nangang Station-Global Mall area, the "Taiwan Station Navigation Go" App can drive interactive marketing models with stores which is convenient for travel and shopping, and never worry about getting lost within such large stations again.

On the basis of Beacon's positioning capability, Askey utilizes MEC (Mobile Edge Computing) AR technology to allow people to guide the route to the destination more intuitively. During the navigation process, combined with the shopping situation experience, limited promotion discounts and shopping coupons will be intuitive appears on the screen, adding a new dimension to the process of transferring to and visiting. In addition, the App also has rich functions such as pre-hike reminder, pre-route navigation inside and outside the station, and location information sharing that brings better navigation experience for passengers.

Plus the 52 sites of 55-inch dual-screen smart panels been built in Taipei city and 2,000 smart bus stops (LED type) and nearly 200 solar powered bus stops (e-Paper type) bring a new waiting experience at bus stop to know timing of each coming bus.

From indoor to outdoor, Askey provides diversified smart city solutions and successfully expands the application scope of intercity public services and smart transportation application.

About

Closing the Distance For Every Thought, We Go Further

Far EasTone Telecommunications (FET) is a leading company in Taiwan which provides telecommunications and digital application services. Since its establishment in 1997, FET has strived to close the gap between people to achieve the objective of "Closing the distance". As the 5G era approaches, FET has set its sights beyond telecommunications and has reinterpreted the brand statement in 2019, setting a new milestone with " For Every Thought, We Go Further". FET's aim is, through Big Data, AI, IoT and other digital applications, to not only bring people closer together in mind, also to reduce the gap between people and new technology.

www.fetnet.net

Solution

Parking GO

www.parking-go.com

Solution Description

Magneto Project Parking GO Service provides 20,000 roadside parking spaces in real-time information service in Taiwan which covering 100% parking hotspots. Currently it is the largest on-street parking information service system in Taiwan.

It provides the public with real-time parking space search and guidance services. Through statistical analysis, the accumulation of a large amount of parking data can help the agency to grasp the use of parking spaces, and to check whether the roadside parking policies and rates in each area meet the actual needs of the people for the future Policy making.

Magneto Project Parking GO Service benefits:

Easy to use: The public can find the empty parking space via the official LINE ID "Parking Go". There is no need to download any app and it is easy to use.

Hot use : More than 80,000 of registered users who asked more than 1.77 million times for service.

Time saving: 75% of users can find parking space in 10 minutes.

Reduce congestion: shorten the time to find a parking space, reduce traffic congestion and exhaust emissions caused by waiting for a free parking space.

Policy reference: more than 5.3 million vehicle trips were detected, monthly production system analysis data were used for local government's reference, and helped them adjusted the parking feepolicies in time.