

# Patent Filings on AI Technology & Smart Battery Tech for Drones and Electric Airplanes; Epazz, Inc. (Stock Symbol: EPAZ)

*Patent Filings on AI Technology & Smart Battery Tech for Drone, Electric Airplanes; Developing Projects with The US Air Force: Epazz, Inc. (Stock Symbol: EPAZ)*

CHICAGO, ILLINOIS, UNITED STATES, June 14, 2023 /EINPresswire.com/ -- Patent Filings on AI Technology and Smart Battery Tech for Drones and Electric Airplanes; Developing Projects with Multiple Clients and The US Air Force: Epazz, Inc. ([Stock Symbol: EPAZ](#))



EPAZZ Holdings (Stock Symbol: EPAZ)

\$EPAZ is entering the A.I. space with other OTC Companies such as Artificial Intelligence Technology Solutions, Inc., (OTCPK: AITX), SmartMetric, Inc. (OTC: SMME), and International Endeavors Corporation (OTCPK: IDVV)



EPAZ ZenaDrone is the enhancement of its AI capabilities, which include autonomous navigation of unmapped terrains, deep learning algorithms for various actions, and dual-use features”

*\$EPAZ CEO Shaun Passley,  
Ph.D.*

- Cloud-Based Software Specialized for Applications to Corporate Clients, Higher Education, and Government Institutions.
- Marketing ZenaDrone 1000, AI Technology Totally Autonomous Drone, Surveillance, Inspection, and Monitoring Solution.
- Patent Filed on Artificial Intelligence Smart Battery Tech for ZenaDrone 1000 and Electric Airplanes.
- ZenaDrone 1000 Gaining Interest from Multiple Sectors for Search & Rescue, Firefighting, Cargo Delivery, and Land Surveys.

□ Filing for a Series of AI Patents on Drone and Battery Technology.

□ Low-Cost Augmented Reality Glasses for On-Site Remote Assist Product.

□ Negotiating for Deal on up to 100 ZenaDrone 1000s for Operations in Ireland.

□ ZenaDrone 1000 Displayed at 2023 AERO in Germany.

□ Method of Transporting Lifesaving Blood for Military Troops in the Field Using ZenaDrone 1000 to be Tested with the US Air Force Overseas.

[Epazz, Inc. \(OTC EPAZ\)](#) is a leading cloud-based software company that specializes in providing customized cloud applications to the corporate world, higher education institutions, and the public sector. The EPAZ Epazz BoxesOS™ v3.0 is a complete web-based software package for small and mid-sized businesses, Fortune 500 enterprises, government agencies, and higher education institutions. EPAZ BoxesOS™ provides many of the web-based applications organizations would otherwise need to purchase separately. Other EPAZ products include DeskFlex™ (room-scheduling software) and Provitrac™ (an applicant-tracking system). EPAZ is also upgrading the AI technology of ZenaDrone 1000 to increase its global reach across industries.

The EPAZ ZenaDrone 1000 is a totally autonomous drone, surveillance, inspection, and monitoring solution. The drone comprises innovative software technology, along

A promotional graphic for ZenaDrone 1000. It features the company logo 'ZENA DRONE' in large blue and grey letters. Below the logo, a list of features is shown with checkmarks: 'AI Integration', 'GPS Capabilities', 'Multiple Sensors', and 'Surveillance'. The Epazz logo is also present. A 'CONTACT US' button is displayed with a phone icon and the number '+1 (312) 761-5423', and a globe icon with the website 'www.zenadrone.com'. On the right side, there is a photograph of a white ZenaDrone 1000 drone in flight against a blue sky with a red and grey geometric border.

\$epaz ZenaDrone



Sir Ossian Smyth, the Minister of State at the Department of Public Expenditure, National Development Plan Delivery and Reform and at the Department of Environment, Climate and Communications, inspects the SEPAZ ZenaDrone 1000 in Dublin.  
SMETA SMSFT SQCOM SGOOG SNVDA SAMC SADSX

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\$EPAZ in Dublin with Sir Ossian Smyth



Epazz Holdings' ZenaDrone 1000 Displayed at the 2023 AERO in Germany Leads to Multiple Demonstrations With NATO Partner Countries Defense and German Law Enforcement and Rail Line  
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\$EPAZ ZenaDrone in Germany

with compact and rugged hardware that was engineered for industrial uses in military, construction, agriculture, surveillance, search and rescue, and customizable applications. This EPAZ multifunctional unmanned aerial vehicle has garnered positive reviews from several industries, especially the military, agriculture, oil and gas, wildfire management, and civil engineering industries. It is also equipped with machine learning systems, multispectral sensors, and AI technology. EPAZ ZenaDrone uses the data captured from its cameras to create a 3D interactive environment.

In the coming year, the goal of the EPAZ ZenaDrone is the enhancement of its AI capabilities, which include autonomous navigation of unmapped terrains, deep learning algorithms for various actions, and dual-use features to accommodate commercial and military drone applications. Learn more about ZenaDrone here: <https://www.zenadrone.com/>.



□ Patent Filed on Artificial Intelligence Smart Battery Technology for ZenaDrone 1000 and Electric Airplanes

On June 13th EPAZ announced the company's subsidiary, Galaxy Batteries, Inc., has filed its first patent on artificial intelligence smart battery technology.

AI smart battery technology gathers data from the environment including wind speed, humidity, temperance, and pressure to predict the best output for the system to perform to maximum flight time in the case of the EPAZ ZenaDrone 1000 and maximum battery duration or battery life for other devices.

As the EPAZ ZenaDrone 1000 flies long distances, the weather and environment will change; the system monitoring the conditions will automatically make the necessary changes. The AI smart battery can change output and voltage. It will also monitor the battery temperature and battery health. It will maintain a history of each battery pack. However, the data will be uploaded to the cloud. As the EPAZ ZenaDrone and other devices enter the market, the AI smart battery will use the data from all flights to maximum flight time.

EPAZ has formed a subsidiary Galaxy Batteries, Inc. to house its intellectual properties for

battery technology. EPAZ has been working on special battery technologies for high-powered devices and aircraft. EPAZ is in the process of filing patents for its battery technology and believes in the future Galaxy Batteries can become an independent company.

Many of the projects EPAZ is working on require high-power batteries to run highly specialized devices. The company has launched [galaxybatteries.com](https://galaxybatteries.com) and will use its battery technology subsidiary.

□ ZenaDrone Inc. 1000's AI Prediction Has Gained Interest from Native American Tribes After the RES 2023 in Las Vegas

On May 16th EPAZ announced its ZenaDrone 1000 has gained the interest of Native American tribes after the RES 2023 held in Las Vegas. EPAZ attended the trade show to share how the ZenaDrone 1000 can provide services for search and rescue, firefighting, cargo delivery, and land surveys.

EPAZ is currently scheduling demos for the U.S. Military, NATO partners, Irish farmers, the German police force, the German rail, and Native American tribes. ZenaDrone's expanded facility will have the capacity to manufacture over 30 drones per month once the facility is fully in production.

□ EPAZ Filing a Series of AI Patents for Its Drone and Battery Technology

On May 9th EPAZ announced that the company is in the process of filing a series of artificial intelligence (AI) patents for its drone technology. EPAZ has already received two patents for its drone technology, and two other patents are under review with the US Patent Office. EPAZ has also filed for international patents.

EPAZ has developed a new process for increasing the flight time of its holdings, ZenaDrone 1000, which innovatively provides an opportunity to file for new patents. Furthermore, the process requires a custom battery management system that uses AI to monitor and analyze the flight characteristics of the ZenaDrone 1000.

ZenaDrone 1000 is a heavy lift drone requiring special configuration. EPAZ uses AI to track current flights and analyze previous flights to understand how to improve the drone's flight times.

The EPAZ ZenaDrone 1000 team will use predictive AI analytics and predictive modeling -- a type of analysis that employs methods and resources -- to create predictive models and forecast future outcomes based on acquired data. Predictive analytics refers to a method rather than a specific technology, and it uses techniques including machine learning algorithms, sophisticated mathematics, statistical modeling, descriptive analytics, and data mining. EPAZ will prioritize upgrading the ZenaDrone 1000's AI technology to increase its global reach across industries.

## □ Low-Cost Augmented Reality Glasses for On-Site Remote Assist Product

On May 4th EPAZ announced that the company has developed low-cost Augmented Reality Smart Glasses call Stacklens. EPAZ Stacklens are durable and comfortable augmented reality glasses as well as smart glasses for its holdings in Tillerstack's onsite remote-assisted product.

Stacklens will be under \$400 per pair of glasses, while other competitors are selling their glasses for over \$2,000 per pair. EPAZ decided to develop its own glasses because it caused sticker shock for customers and potential customers in Europe who wanted to use the technology and because the glasses sold by a third party cost too much. Now, with EPAZ Stacklens, these organizations will be able to use innovative technology at a low cost, allowing the company to win more deals.

On-site remote-assisted glasses can be used by technicians in the field to fix complex machines, such as HVAC, industrial machines, and water and waste pipes. Additionally, we have seen interest in using the technology for aircraft maintenance. EPAZ plans to continue to improve the technology for use with ZenaDrone 1000, a First-Person View Smart Glasses product with augmented reality technology.

EPAZ has submitted a proposal to the armed forces to use the technology in the field. The company has received feedback from the United States military about using First Person View Smart Glasses with ZenaDrone 1000.

## □ Negotiating With Non-Dilutive Financer for Drone as a Service Operations for up to 100 Drones; Irish Government Minister Visited ZenaDrone's Ireland Office

On May 2nd EPAZ announced that Ossian Smyth, minister of state at the Department of Public Expenditure and Reform of Ireland, National Development Plan Delivery and Reform, and the Department of Environment, Climate, and Communications, visited the EPAZ ZenaDrone offices in Dublin, Ireland. Also, EPAZ is negotiating with a financing institution for a deal to purchase up to 100 ZenaDrone 1000s for a drone as a service operation in Ireland.

The non-dilutive financing terms would receive a purchase order for up to 100 drones. These EPAZ drones will be used in Ireland for establishing drones as a service operation. ZenaDrone will manage and service these drones for Irish farmers, businesses, and government agencies.

Minister Smyth had the opportunity to see a ZenaDrone 1000 and meet EPAZ Irish team to discuss how ZenaDrone can greatly affect the lives of Irish farmers, businesses, and government agencies. If ZenaDrone closes on the financing deal, Irish farmers will have access to advanced precision agriculture drones for monitoring plant health and spraying weeds.

## □ EPAZ ZenaDrone 1000 Displayed at 2023 AERO in Germany Leads to Multiple Demonstrations



with NATO Partner Countries Defense and German Law Enforcement and Rail Line

On April 26th EPAZ announced that the ZenaDrone 1000 was showcased at the AERO General Aviation Convention in Friedrichshafen, Germany, on April 19-22nd. This showcase has led to multiple demonstrations scheduled with NATO partner countries, multiple law enforcement departments, and a large rail line in Germany.

The EPAZ team at ZenaDrone Germany had a successful debut at Aero, meeting with top organizations to discuss how ZenaDrone 1000 technology can solve their problems with inspections of railways, reducing the use of helicopters, and providing critical support to NATO troops. ZenaDrone met with German UAV regulators about setting up beyond-visual-line-of-sight operations in Germany. EPAZ ZenaDrone is already ahead of the game by applying beyond-visual-line-of-sight operations in Ireland, which uses the standards of the European Union via the European Union Aviation Safety Agency. Once EPAZ ZenaDrone receives final approval for beyond-visual-line-of-sight operations in Ireland, ZenaDrone will receive approval in Germany within 10 business days. In the meantime, flight demonstrations will be held in Northern Germany to allow personnel to fly the drone themselves and understand how it fits within their operations.

□ New Method of Transporting Lifesaving Blood for Military Troops in the Field Using ZenaDrone 1000; Will be Tested with the US Air Force Overseas

On April 24th EPAZ announced that the company is developing a new container to provide data for the military to transport blood to troops in the field. The container will ensure the blood is safely transported and will transmit all information regarding how the blood was used.

EPAZ ZenaDrone has been invited to work with the U.S. Air Force at an overseas base to test the ZenaDrone 1000 platform under battlefield conditions. In addition, the U.S. Marine Corps is interested in using ZenaDrone 1000 in real-life situations.

For more information on \$EPAZ visit: [www.epazz.com](http://www.epazz.com)

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