

Exchange on Energy Storage Containers for Unmanned Aerial Vehicle Stations

Also provided is a transfer system that is inclusive of the transfer station, a UAV, a UGV, and a reusable container; and methods of transferring reusable containers between UAVs and UGVs.

LEAP in Health IT awardees seek to create methods and tools to improve care delivery, advance research capabilities, and address emerging challenges related to interoperable health IT.

Electric vertical take-off and landing (eVTOL) aircraft have gained considerable interest for their potential to transform public services and meet environmental objectives. Designing an effective power supply ...

By Laura Young - As healthcare delivery continues to evolve toward a more integrated, person-centered model, Health Information Exchanges (HIEs) and Community Information ...

The New Hampshire Health Information Organization (NHHIO) is a non-profit organization created by New Hampshire legislation to run the statewide health information exchange (HIE). Their ...

The map released today is another example of our commitment to transparency. In December 2023, TEFCA went live with five Qualified Health Information Networks[®] (QHINs[™]) ...

This paper comprehensively reviews renewable power systems for unmanned aerial vehicles (UAVs), including batteries, fuel cells, solar photovoltaic cells, and hybrid configurations, from historical ...

In order to be able to use the generated energy even during the night, it is recommended to expand the solarfold container with a storage container. The battery storage system, including power electronics ...

Fuel cells, particularly proton exchange membranes, demonstrate high energy density, enabling long flight durations for lightweight UAVs, yet face challenges such as slow response and ...

Energy storage systems that support these technologies are essential for reducing emissions and improving sustainability in UAV operations. The market faces several restraints that could hinder its ...

Spotlight on State Exchange: Kentucky KHIE The Kentucky Health Information Exchange, also known as KHIE, is a health information system that is providing interoperability ...

Moving our healthcare system into the digital age, better outcomes, controlling and reducing costs, and patient access to their health data. Our monthly HIE rundown includes updates ...

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In order for electrical energy to be used efficiently, it must be stored. This article reviews energy storage technologies used in aviation, specifically for micro/mini Unmanned Aerial Vehicles ...

Facilitate safe and secure clinical data sharing and exchange Support revenue cycle integrity Integrate and optimize EHRs Protect patient privacy, including new rules for reproductive ...

In 2025, the industry will focus on transforming payer/provider data exchange with real-time computational workflows, drawing inspiration from innovations in other industries. Despite the ...

With the rise of electronic health record usage, the need for a standardized way to exchange comprehensive clinical documents between providers -- beyond individual results and ...

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