



Exploring and demonstrating customer experiences with key disruptive technologies and use cases in Aviation

[Dubai, 18.1.2024] SkyFive Arabia, Kaira Clan and GELLIFY, in partnership with SCIT Space Communication for Information Technology Unite, to bring forefront Aviation & Space technologies and unique experiences towards the MEA market's aviation passengers through the **SCIT Aviation Innovation Hub (SCIT-AIH)**. This partnership is set to usher in a new era of progress and development by bringing cutting-edge technology, profound industry expertise, and innovative solutions to the aviation sector.

Our mission is to facilitate a dynamic platform for innovative collaboration between industry and academia to strengthen the Middle East and Africa Aviation ecosystem. Our immediate goals are to foster strong R&D partnerships and create transformational solutions that can significantly boost our customers' competitiveness. We leverage the power of collaboration to enable technologies for a greener and more sustainable aviation industry, allowing our customers to enhance their productivity.

In addition to this, we are thrilled to announce the upcoming establishment of a customer experience centre as an integral part of the hub, which will further enhance our commitment to providing exceptional solutions and services to our aviation partners and customers. We are excited to unveil our comprehensive strategy and partnerships with technology academia at the upcoming LEAP conference in Riyadh in March 2024.

By incorporating academia into these key aspects of the collaboration, our innovation hub will harness the expertise, research capabilities, and innovative thinking of international and local academic institutions to address the unique industry challenges and opportunities.

Key Objectives of this Collaboration:

Commercial passenger experience

To elevate the commercial passenger experience by delivering consistent, high-speed connectivity through SkyFive Arabia's Air-To-Ground solution. Beyond this, the hub will utilise cutting-edge technologies such as IoT, AI, ML, and Digital Twins to create custom, immersive journeys for every passenger.

Private presidency

Enhancing the exclusive services that caters to the unique needs of private presidential clients who demand the best in luxury, comfort, and security. The hub creates customised solutions for private presidential clients that utilise the latest aerospace and satellite technologies, as well as Space Optical technologies and extended reality experiences.

eVTOL

Hub is dedicated to exploring the potential of eVTOL in the aviation industry, particularly for urban air mobility and short-haul flights. The hub will leverage its expertise to design and test eVTOL prototypes and use cases, while emphasising the sustainability and safety aspects of eVTOL technology.

Aviation telemetric engine data

By utilising aviation telemetric engine data, our hub aims to improve operational and maintenance aspects of the aviation industry. We'll apply AI, ML, and Digital Twins technologies to analyse and optimise the data, providing real-time feedback and recommendations to pilots, engineers and managers for better decision-making.

Conversions of NTN and terrestrial connectivity

The hub will investigate the technical and economic feasibility of integrating NTN and terrestrial connectivity, and the benefits and challenges of such integration. The hub will also develop and demonstrate the best practices and standards for the conversions of NTN and terrestrial connectivity, ensuring the reliability, security, and interoperability of the communication services.

Our focus at the **SCIT Aviation Innovation Hub** is on leveraging technology from various domains to promote innovation and progress in the aviation industry. We are dedicated to bringing together aerospace technologies, satellite technologies, Space Optical technology, A2G communication, Internet-of-Things, Artificial Intelligence, Machine Learning, Digital Twins, Extended Reality, and many other cutting-edge solutions to tackle the unique challenges of this sector. Our goal is to revolutionise aviation, delivering exceptional value and shaping the future of this exciting field.

For media inquiries or further information about the Aviation Innovation Hub, please contact:

About SCIT:



SCIT connects aviation professionals and offers market insights for innovative technologies for implementation in the aviation industry. With a global reach, SCIT facilitates connections and provides crucial support for companies exploring diverse technologies and markets.

info@scitg.com

Business Enquiries: ramy.moselhy@scitg.com, tel +97155 434 4448

About SkyFive Arabia:



SkyFive Arabia delivers reliable high-speed connectivity through its patented Air-To-Ground (A2G) solution, revolutionising data connectivity in aviation. Their solution is designed to meet the ever-increasing demand for data in the sky, delivering data faster and more cost-effectively than traditional satellite systems while flexibly scaling to address future connectivity needs in aviation.

info@skyfive-arabia.world

Enquiries: ramy.moselhy@skyfive-arabia.world tel +97155 434 4448

About Kaira Clan:



Kaira Clan is a global consulting company specialising in technology, innovation, and project management. Committed to delivering tailored solutions, Kaira Clan partners with aviation companies to drive progress and innovation.

contact@kairaclan.com

Project Enquiries: Eemeli Saarinen: tel +358 40 6707788

Business Enquiries: Janne Siltari: tel +358 40 5170196

About GELLIFY:



GELLIFY is an innovation factory, assists organisations in developing and implementing new business models, technology roadmaps, digital strategies, and products, catering specifically to the dynamic needs of the aviation industry.

middleeast@gellify.com

Business Enquiries: Kristina Gerasimova: tel +971504280805

Business Enquiries: Enrique Ortega: tel +971566603910