VirSat
Virtualized Ground

INTEGRASYS
Building success from innovation

CAPEX or SaaS

DIFI

DIFI HARDWARE AGNOSTIC CARRIER MONITORING SYSTEM

Monitor Digital Signals for Testing Virtualized RF Solutions and Digital Teleport Operations

www.integrasys-space.com

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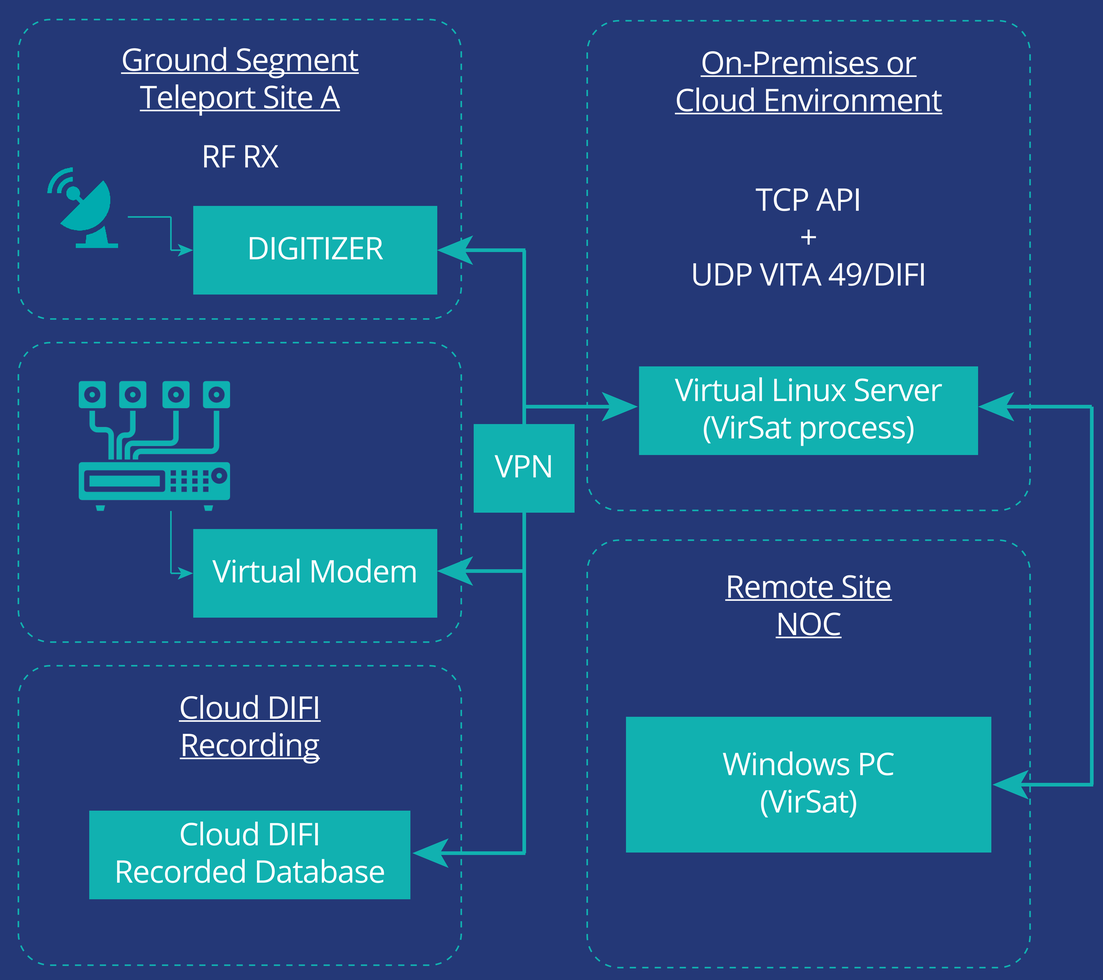
Competitive Advantage

- Supports emerging standards (DIFI, VITA 49.2) in multi-vendor digitizer.
- Proven track record with prestigious defense clients.
- RF over IP Monitors.
- Ideal to test virtualized modems, hubs.
- Ideal to monitor in real-time or past events.



Features

- Full activity recording for alarms/events storage, database analysis, and automated report generation.
- Easy-to-scale system in number of signals to be monitored, or by the addition of digitizers.
- Fast-swept tuned spectrum analyzer monitoring for interference detection and noise power density, saturation, and distorsion, among others.
- Cloud-based in client server or Web GUIs, including Rest API multi-user operation.
- LEO/MEO/GEO/HEO compliant and configuration for integrated antenna control module.

Benefits

- Multi-vendor interoperable.
- Hardware agnostic.
- Software-based solution, virtualized on-premises or cloud.
- Characterizer: filtering IQ samples for only bandwidth of operation of service carriers.
- Fully compatible with VITA 49 and DIFI standards in 8, 12, and 16 bits.
- Fastest monitoring and analysis tool in the market with manual and auto modes.
- Multi-beam, multi-satellite, multi-user.
- Signal and modulation characterization.
- Reduces hardware infrastructure cost by 64%.
- Adapts to new demands and technologies, 55% performance improvements.
- Automates routine tasks and optimizes operations, reducing manual workload by up to 75%.
- AI-guided problem resolution for faster support, reducing 95% of the time needed.

Company Awards

Vision Awards	MOST INNOVATIVE PRODUCT OF THE YEAR	2014
VSAT INDUSTRY AWARDS 2015	TECHNOLOGY INNOVATION OF THE YEAR	2015
VSAT GLOBAL 2017	BEST GROUND TECHNOLOGY OF THE YEAR	2017
WTA	TELEPORT TECHNOLOGY OF THE YEAR	2018
MSUA	GOVERNMENT MOBILE INNOVATION	2022
WTA	TELEPORT TECHNOLOGY OF THE YEAR	2023
MSUA	SATELLITE MOBILE INNOVATION AWARDS	2023
MSUA	NEW SPACE MOBILE INNOVATION AWARD	2024
BROADCASTPRO ManufacturerAwards	BEST CONTRIBUTION TO SUSTAINABLE SATELLITE OPERATIONS	2025
SSPI	BETTER SATELLITE WORLD AWARDS	2025