

	VarAC Email gateway	Winlink RMS
Architecture		
Architecture & Redundancy	 Every station can run a gateway, offering a decentralized system with built-in redundancy	 Uses a single backbone on Amazon AWS, which acts as a single point of failure
Scalability	 Scalable due to its decentralized architecture	 A single, centralized service limits scalability
Frequency	 Operates on a single shared frequency, eliminating the need for frequency lists	 Requires users to download and occasionally update a list of RMS gateways
Finding Available Gateways	 All available nodes are visible on the shared frequency, making them easy to find	 Users must try connecting to different gateways until they find one that is reachable.
Cross-Node Email Replies	 To get a reply, you must connect to the same gateway you used to send the email	 You can connect to any node in the network to retrieve your email reply.
Email related Features		
Incoming Email Alerts	 Notifies you of incoming VMails via "relay notifications".	 You must actively and occasionally check for new emails by connecting to the network.
Message Size Limit	Outgoing: 500 characters (Default) 10,000 in HF EmComm mode 1,000,000 on FM Incoming: Unlimited. * Limited by design for short messages to ensure optimal performance in harsh conditions	Unlimited
Live HF <-> Email Chat	 Allows for a LIVE, bi-directional chat between HF and email	 After sending or receiving an email, you are disconnected from the network
Attachments		
Gestures (Sound & visual)	 An interactive experience enriched with graphics and sound	 Plain text
ICS Templates	 Transmission-efficient text-based ICS templates	 HTML-based ICS templates with higher transmission overhead