HYBRID ADAPTIVE NETWORKS

ABSTRACT

Described herein are hybrid adaptive networks (HAN) that enable the use of multiple, independent communications networks as a unified communications system. The disclosed HAN includes multiple communications networks that user terminals can simultaneously access. The disclosed HAN enables a user terminal to seamlessly roam across multiple communications networks. The disclosed HAN can increase the capabilities and resilience of user terminals by providing simultaneous access to multiple communications networks. For example, these communications networks may span multiple orbital regions, operate over multiple frequency bands, provide independent terrestrial infrastructure, and/or feature different network management and cyber defense implementations thereby providing inherent diversity and removing single points of failure and/or targets for attack.

[FIG. 1]