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Freeboard OpenXT – Android Tablet

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Freeboard

One Tablet, Multiple Environments

- Protect data at rest and data in transit
- Maximize convenience for user
 - Quickly switch between multi-level security domains
 - Transparently use all available communication paths
- Maximize convenience for admins
 - Commercial Solutions for Classified (CSfC) mobile platform component



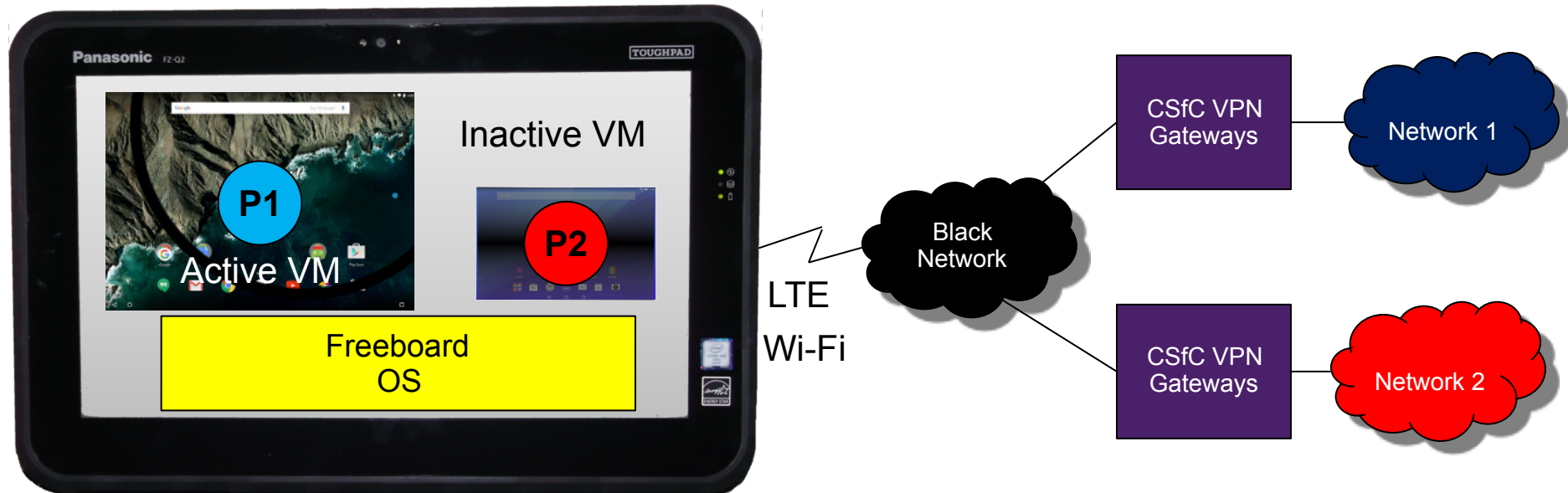
What is Freeboard?



- OS software product for COTS tablets
 - Enables single device to have Multiple security levels
 - Users rapidly switch these levels on immediate tasks
 - Secure wireless connectivity to infrastructure networks
- Simplifies logistics, enhances user experience



System/Deployment View



- CSfC certifiable mobile platform
 - COTS hardware, Freeboard OS
 - Android/Windows/Linux
- Unique solution integrating full data protection
 - VMs communicate with infrastructure in accordance with CSfC Mobile Access (MA CP) rules
 - VMs and user data encrypted to meet Data-at-Rest CP rules



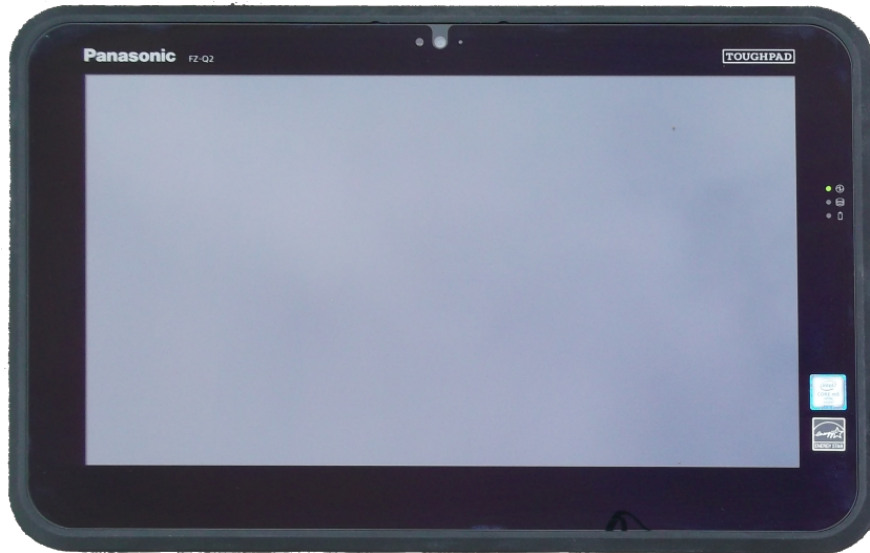
Technical View



- Modular system allows Freeboard to incorporate advances in virtualization, security, HW and persona SW



Future Development



- Deploy to customers chosen mobile platform
- Admin tools for tablet and communication configurations
- Certification of Freeboard product



Other Use cases

- One way guards
 - VM-based solution
- Mobile/Tactical Cloud solution
 - Share computing resources within a tactical environment