

XG Policy Control



Problems

Wireless communication is confronting two significant problems:

- Spectrum scarcity
- Deployment delays

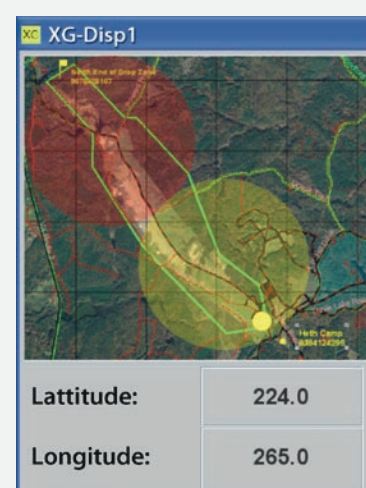
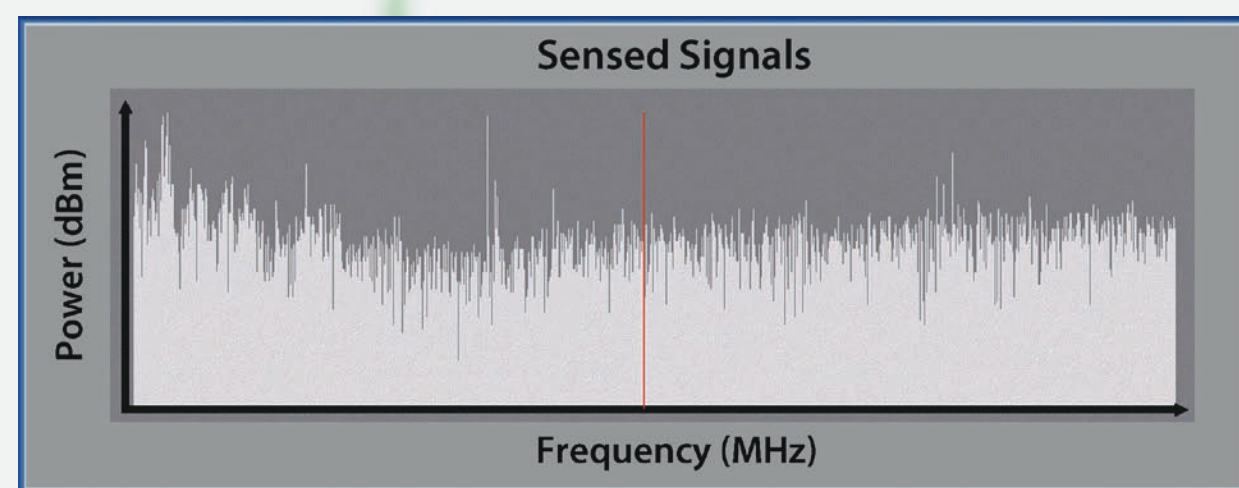
Solutions

Spectrum can be shared by:

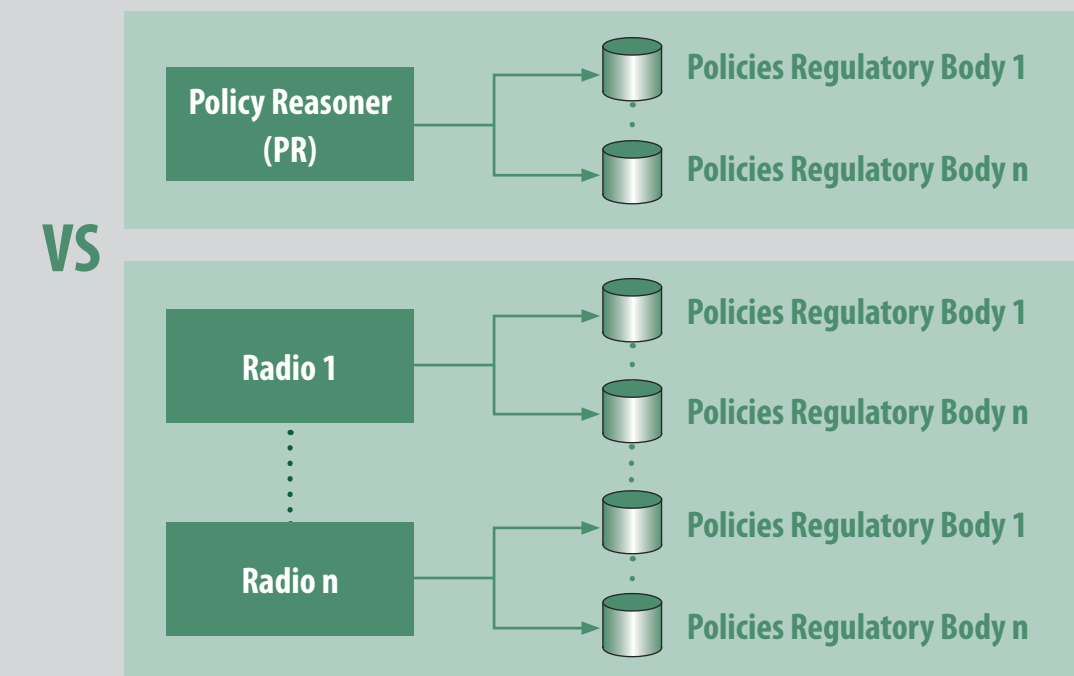
- Sensing usage and identifying opportunities
- Expressing and applying interference-limiting policies
- Dynamically loading policies as operational context changes

Deployment can be speeded by:

- Ensuring radio behavior that is compliant with dynamic policies
- Policies and their implementation can evolve asynchronously
- Accreditation greatly simplified, consider:



Transmission Request
 location = (265, 224, 0);
 phase = SeizeInitiative;
 centerFrequency = 25.0;
 peakRxPower = 112.0;



(Nominal) XG Architecture

