

# Mobile Instrument Def

## What defines a mobile instrument requiring minimum reconfiguration?

### Networked Instrument

Not every instrument will use all of these services, but this would be a full list:

#### Networking

Issue	Standardize
Address and subnet	Decided no standard
NTP server IP address	Decided no standard
DNS server IP address	Decided no standard
Default Gateway	Decided no standard

#### Receiving Data or Nav Feed (intra-plane)

Issue	Standardize
Packet format	IWG1 packet
IP address to receive from	UDP broadcast to x.x.x.255, not multicast
Port number	Yes; In progress

#### Transmitting Data (intra-plane)

Issue	Standardize
Packet format	CSV packet (ID,val1,val2,...,valN)
Packet definition (units, description)	In progress; send upon request, not periodically
IP address of destination	UDP broadcast to x.x.x.255, not multicast
Port number	Yes; In progress; 3 common ports, IWG1, data port, and health/status/logging port

Other?