



WBU-ISOG

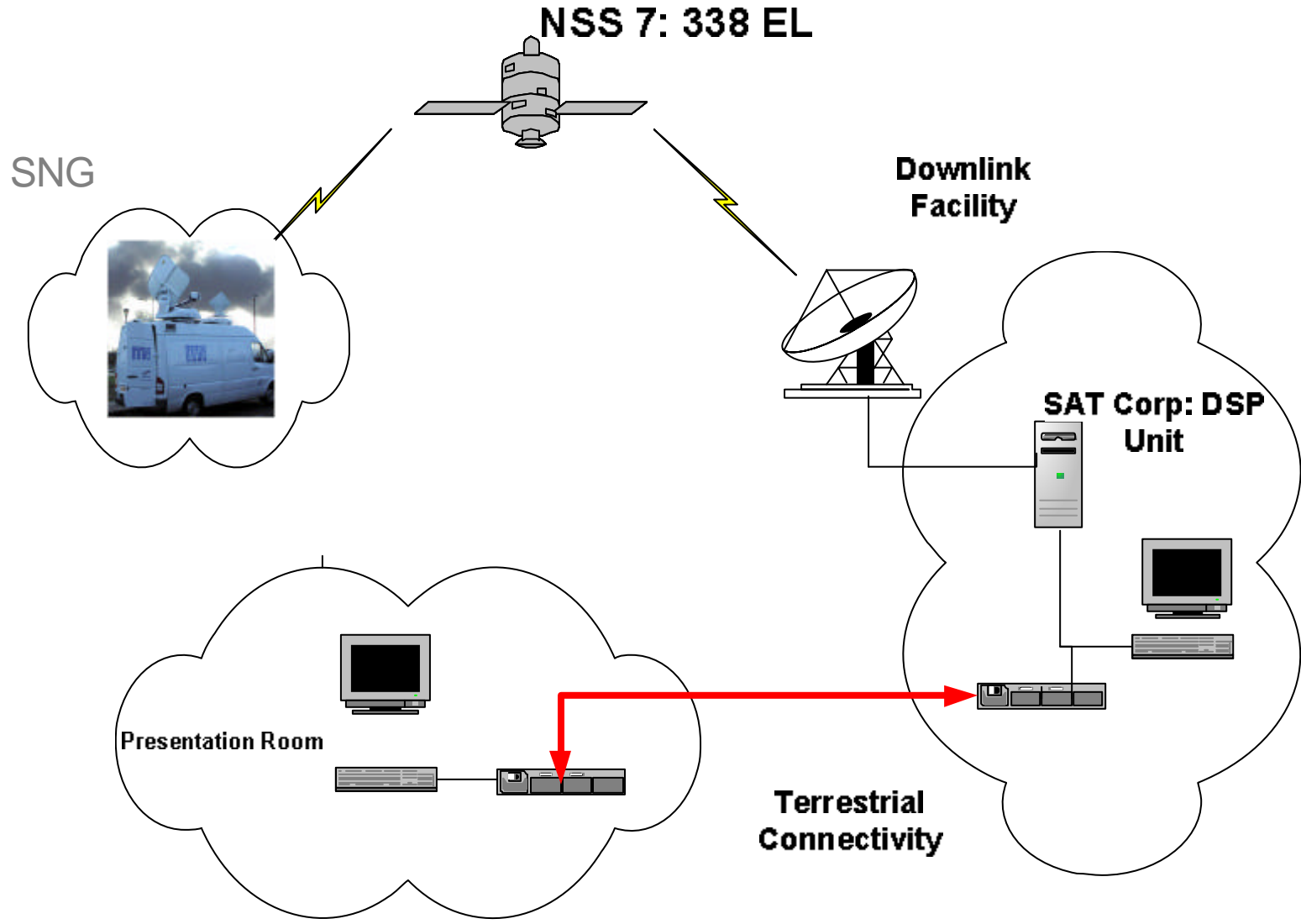


RCWG:

Carrier id Project

Atlanta, Georgia: June 2008

December 2006



Carrier Identification Descriptor

- Problems associated with identifying rogue satellite streams, either done illegally or in error
- Encoders will have the option of having additional data automatically added into Network Info tables to provide traceability
- Network info always contains Manufacturers name and unique unit identifier
- Additional information ClientID Contact Number, Latitude Longitude .
- Currently any SNG system using Link L1109 or DVE5000 Encoder/Modulators and CCL Integration software have the “Carrier id” functionality as standard.



The Monitoring & Control Application...

- Sequence to build ID content on SNG:-
 1. Client ID & Contact Number automatically added as System initialises
 2. On completion of Location Check, Longitude & Latitude automatically added;
 3. ID String content automatically added by Mobile M&C System to the Network Information Table of the Link Encoder...

CCL__	,+44(0)7785258027_	-002. 200,	+050.9167
User	International Contact No	Longitude	Latitude
Company	Truck Operator	Dorset - UK	



Typical Monitoring & Control Applications

where Automated ID can be added easily...

- ◆ Summary of Requirements for Carrier Identification Descriptor Content: -
 1. Any Encoders to be able to take ID data via serial control or SNMP and embed in the Network Information Table (NIT);
 2. GPS System;
 3. All M&C Systems to embed available data ready for transmission
 - This should ultimately include all Satellite Ground Stations.



CCL: "All Systems with automatic ID from Jan 2007"

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