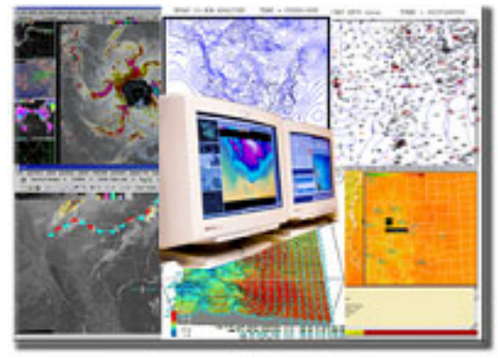
RSA Project



Range Standardization and Automation

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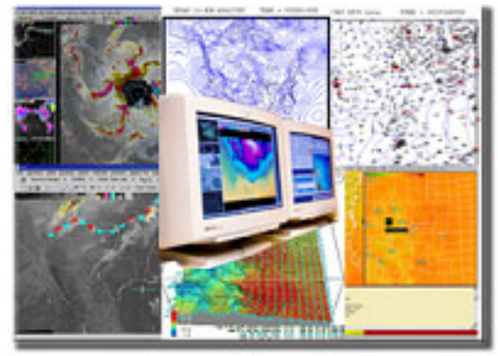
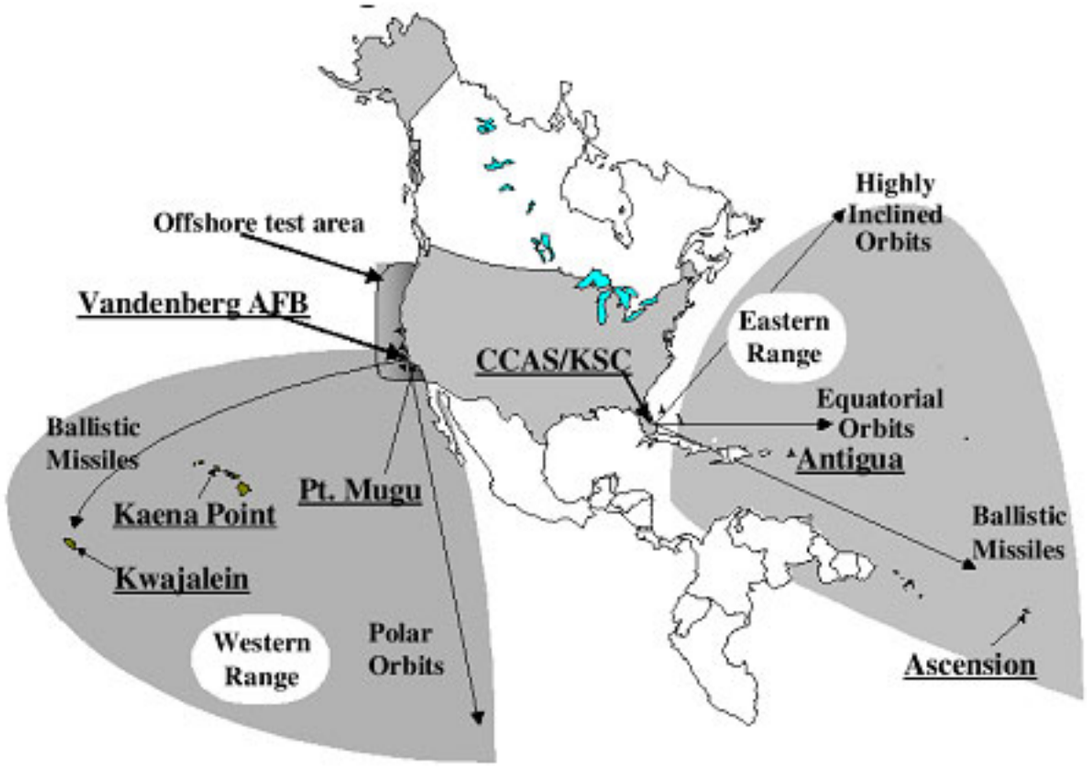
RSA Project



Range Standardization and Automation



http://www-sdd.fsl.noaa.gov/RSA/

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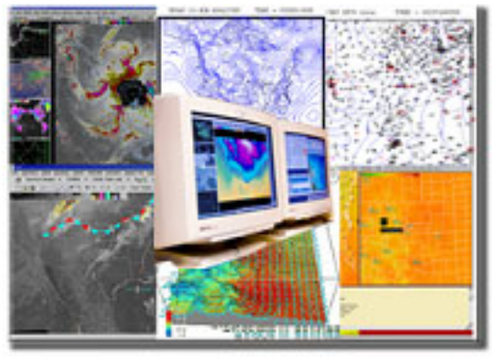

Background/History

- Working with Lockheed Martin since 2001
- Build 5.1.2 late 2001
- On-site training and Build 5.2.2 late 2002
- OB1 late 2003; currently used in 'operational test' mode at Western (Vandenberg) and Eastern (Cape Canaveral) Ranges

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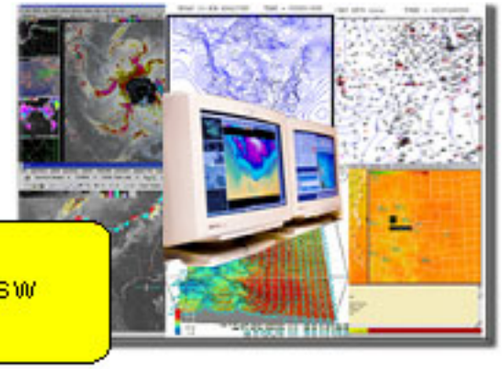

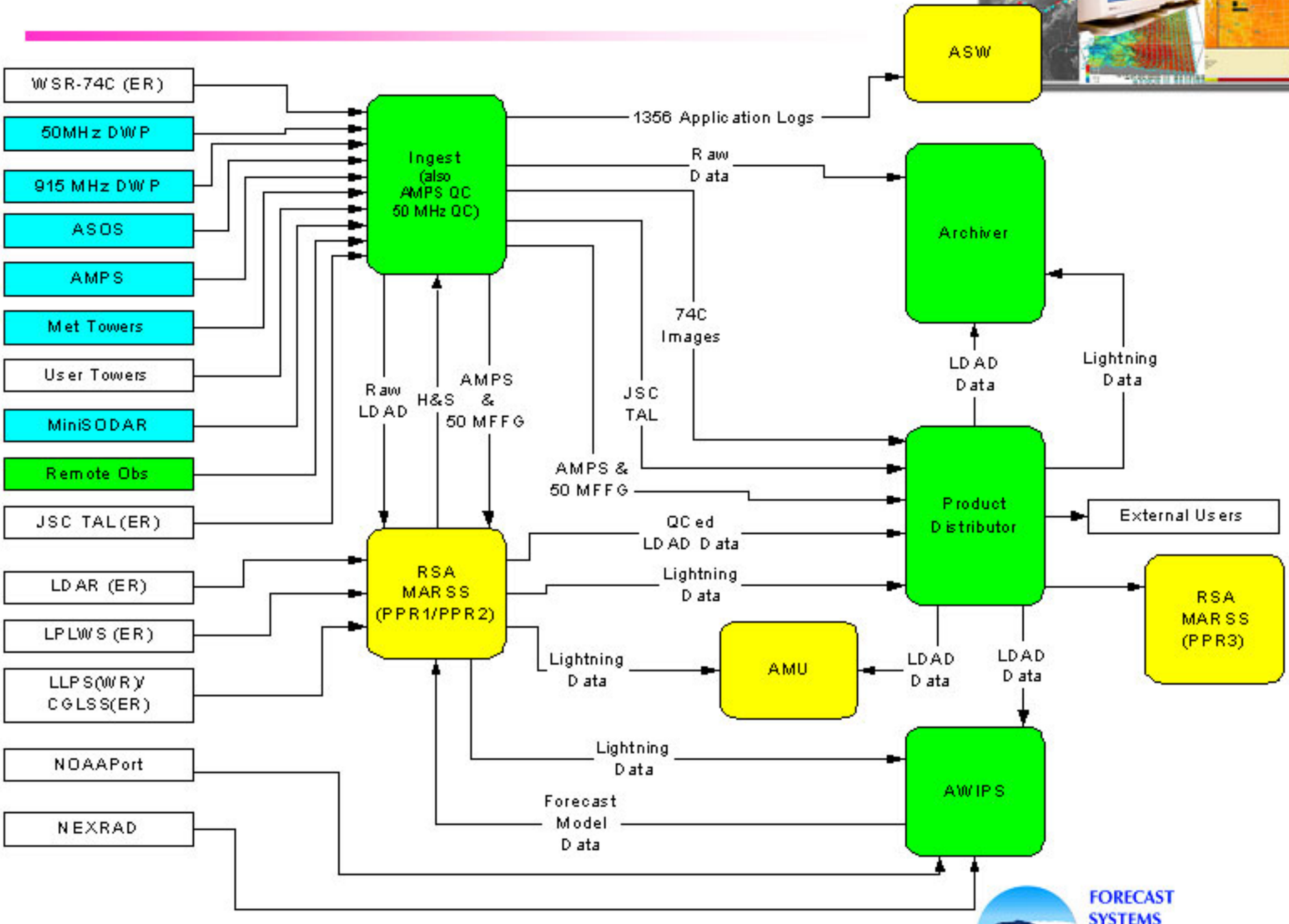

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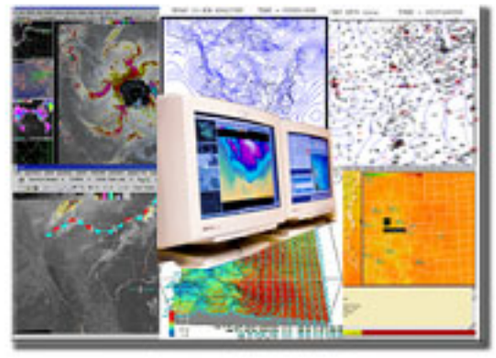

SDD Staff

- Jim Fluke
- Xiangbao Jing
- Jim Ramer
- Susan Williams
- Darien Davis
- Randy Wood
- Mike Biere
- Herb Grote
- Chris Golden
- Joe Wakefield
- Phil McDonald
- John Osborn
- Rich Jesuroga
- Gerry Murray

MD Staff

- MarySue Schultz
- Michael Vrencur
- Joanne Edwards
- Tom Kent
- Scott O'Donnell

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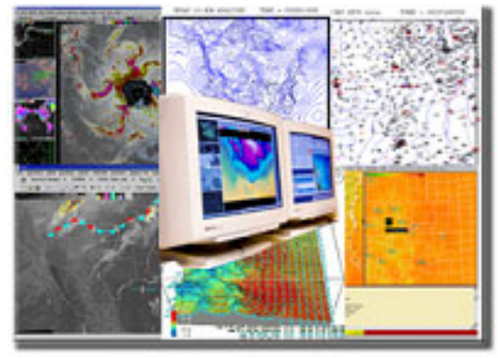

Unique datasets

- 1-min towers
- 1-min miniSODARs
- 5-min profilers
- atmospheric electricity
  - field mills
  - local lightning, including 3-D

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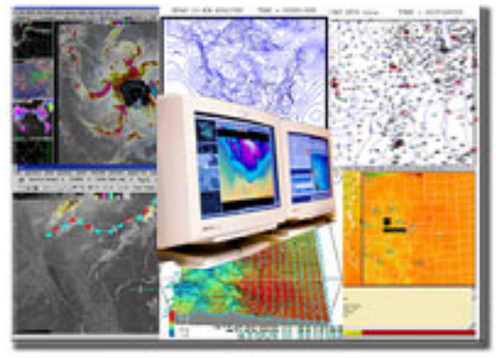

Unique features

- Local model
- Briefing tool
- Tabular text
- 3-D Lightning display

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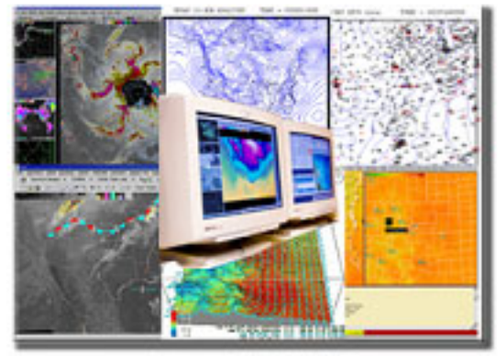

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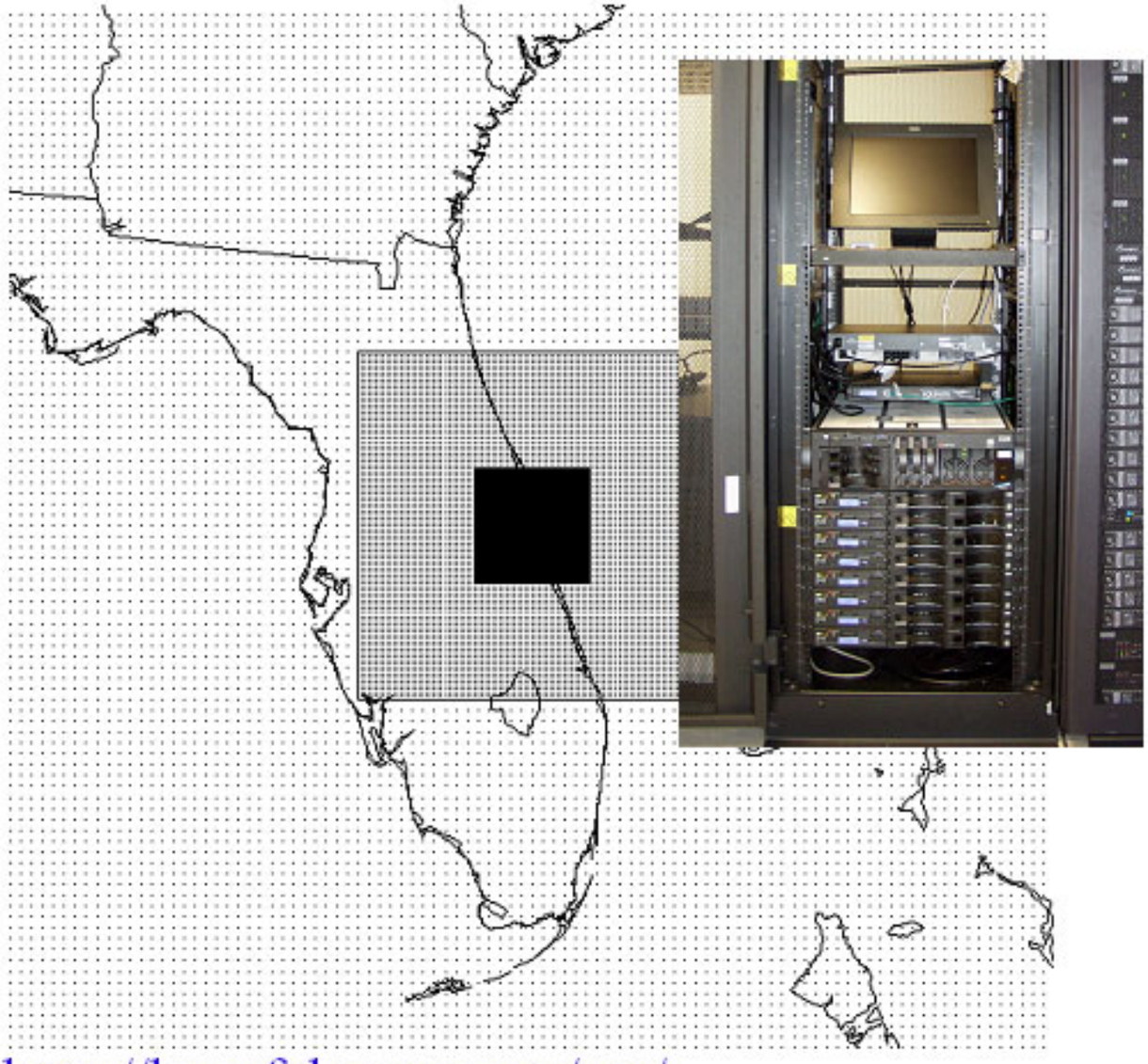

http://laps.fsl.noaa.gov/rsa/

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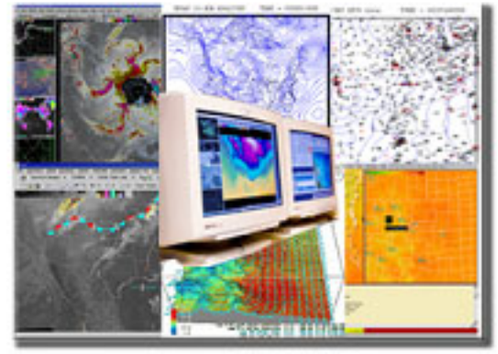

Unique features

- Local model
- **Briefing tool**
- Tabular text
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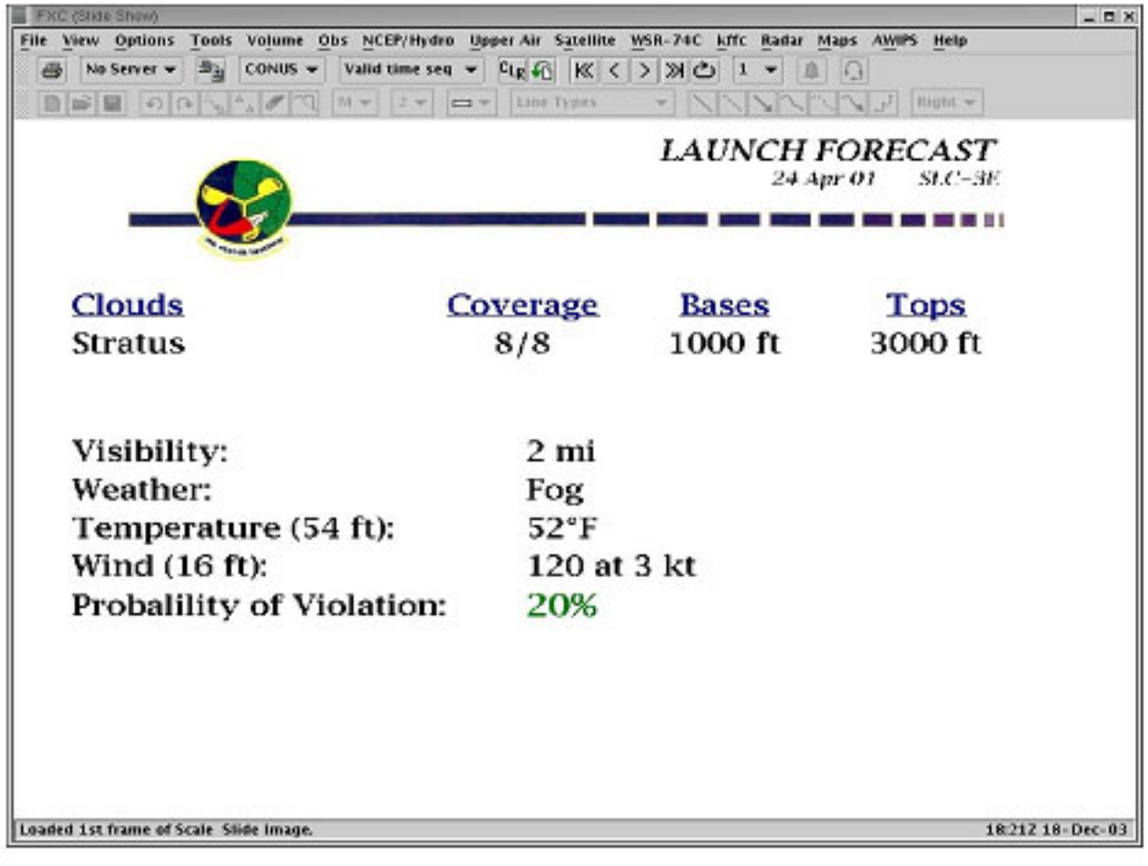

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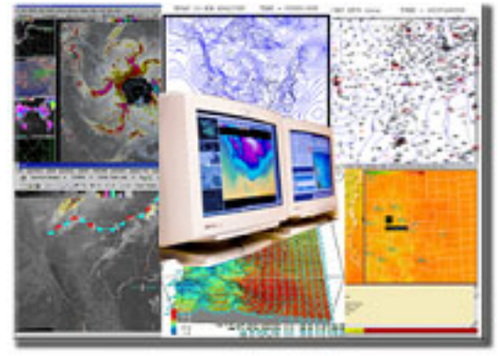

Unique features

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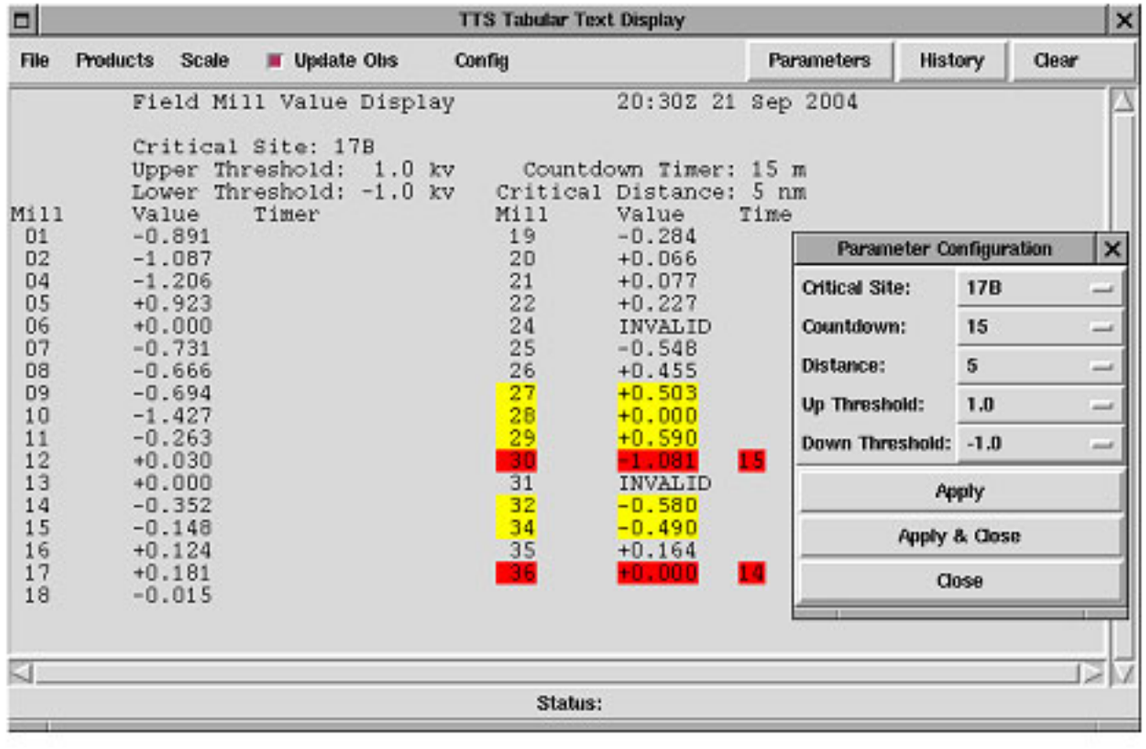
- Briefing tool
- **Tabular text**
- 3-D Lightning display



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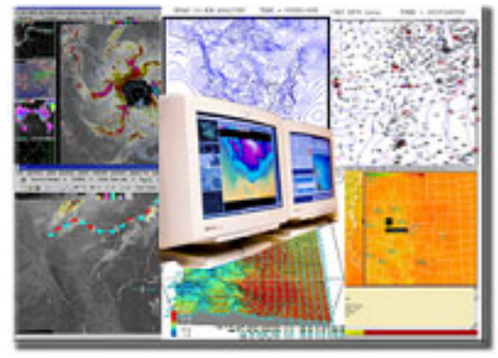
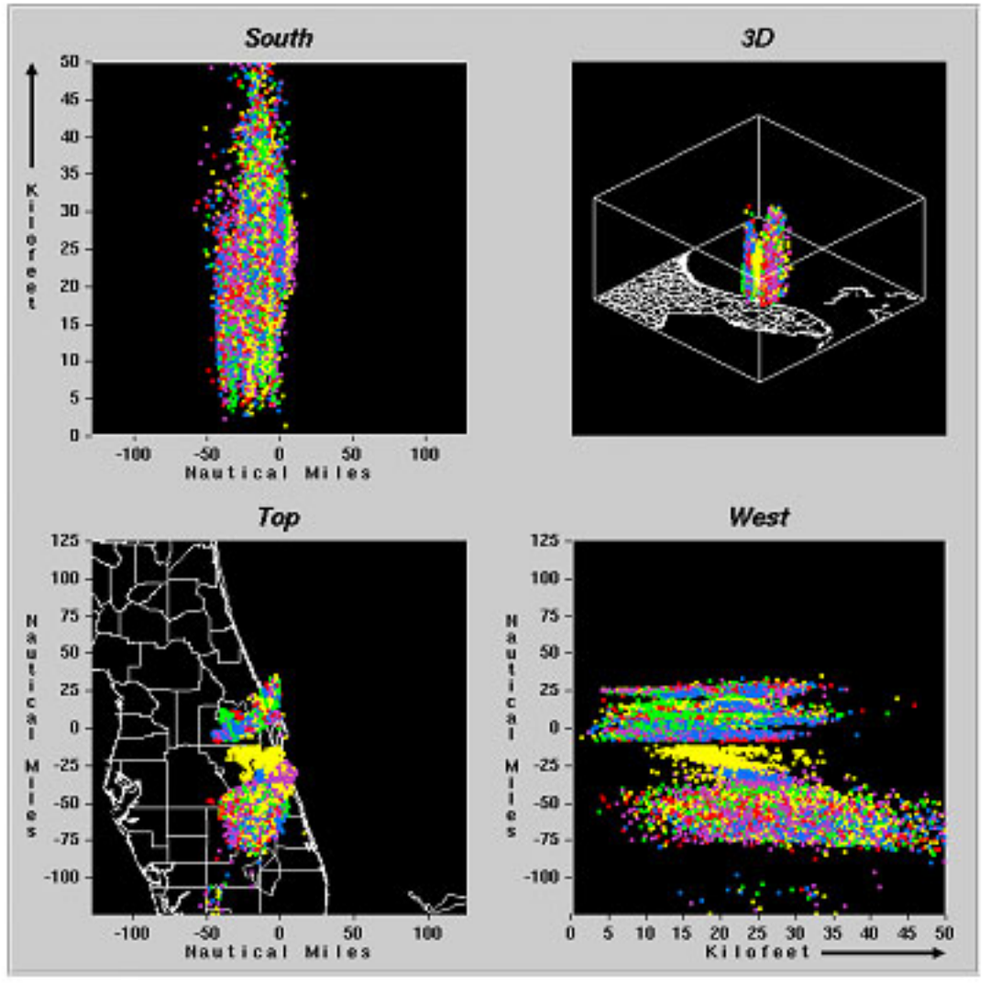


Unique features

- Local model
- Briefing tool
- Tabular text
- **3-D Lightning display**



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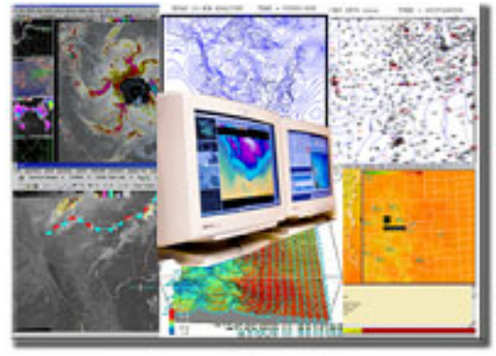

Current status and plans

- Testing OB4 version at FSL since January, includes ORPG 6; will deliver to LM in May
- OB5/ORPG7; 30-min LAPS, model verification – late 2005
- OB6/ORPG8; WRF transition possible – spring 2006
- Fully merged with AWIPS in OB7

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