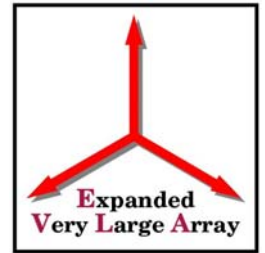




EVLA M&C Components



**Observation Executor, *Interim* & Final
Obs2script**

Antenna Monitor & Control (AMCS)

- **EVLA Antennas**
- ***VLA Antennas***

Correlator Monitor & Control (CMCS)

- ***VLA Correlator***
- ***WIDAR Prototype Correlator***
- **WIDAR Correlator: Configuration, Status, VCI, Power Control, MAHs, Diagnostic Screens**

***VLA TelCal* & EVLA TelCal**

Flagging

***VLA DCAF* & EVLA DCAF**

***VLA Archive* & EVLA Archive**

User Interfaces

- ***VLA Correlator Screens***
- ***Data Quality Displays – VLA Correlator***
- ***Data Quality Displays – VLA TelCal***
- **WIDAR Correlator Screens**
- **Data Quality – EVLA Correlator**
- **Data Quality – EVLA Telcal**
- **Array Operator Screen**
- **EVLA Antenna Screens (module/subsystem screens)**
- **Device Browser**

Parameters Database (System Parameters)

Monitor Data Archive

Alerts (including logging & messages)

Operations Software



Transition vs Final System Carryover of Components



Transition System

Obs Executor, Interim ----->

Obs2script ----->

AMCS

- EVLA Antennas ----->

- VLA Antennas

CMCS

- WIDAR Prototype Correl - some->

- VLA Correlator

VLA TelCal

Flagging ----- ? ----->

VLA DCAF

VLA Archive

User Interfaces

- VLA Correl Screens

- Data Quality – VLA Correl

- Data Quality – VLA TelCal

Final System

Obs Executor, Final

Obs2script

AMCS

- EVLA Antennas

CMCS

- WIDAR Correlator

EVLA TelCal

Flagging

EVLA DCAF

EVLA Archive

User Interfaces

- WIDAR Correl Screens

- Data Quality – EVLA Correl

- Data Quality – EVLA Telcal

Global Design Issues

- Parameters Database

- Monitor Data Archive

- Alerts

User Interfaces Common to Transition & Final Systems

- Array Operator Screen

- EVLA Antenna Screens (Module/Subsystem Screens)

- Device Browser

Operations Software

- While VLA Control System (Modcomps) is still present

- When VLA Control System is retired

- When VLA Correlator is retired