

Clarus System

Brenda Boyce
Mixon Hill, Inc.
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Clarus System Packages

Collector Services

Qualified Environmental Data Cache

Qualified Environmental Data Services

Qualified Environmental Data Services UI

Quality Checking Services

Watchdog

Environmental Metadata Cache

Environmental Metadata Services

Environmental Metadata Services UI

Clarus Manager

Where we started . . .

- 3 Servers
- T-1

RFA Server Configuration

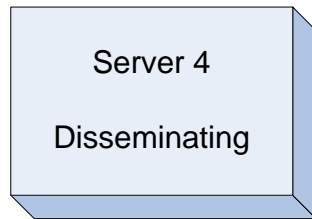
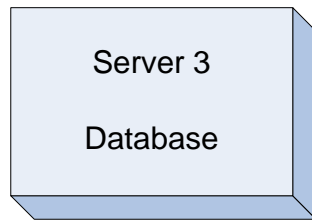
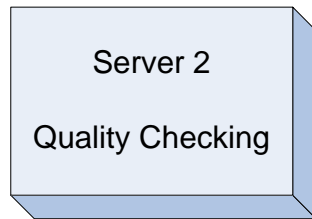
- Eight Servers
 - 4 Production
 - 4 Test
- Collector Server
 - Clarus Manager
 - Collector Services
 - Watchdog
- Quality Checking Server
 - Clarus Manager
 - Qualified Environmental Data Cache
 - Quality Checking Services
 - Watchdog
- Database Server
 - Environmental Metadata Cache
 - Watchdog
- Application Server
 - Qualified Environmental Data Services and User Interface
 - Environmental Metadata Services and User Interface
 - Watchdog

Pending Server Configuration

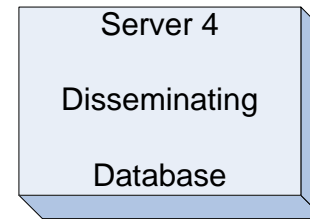
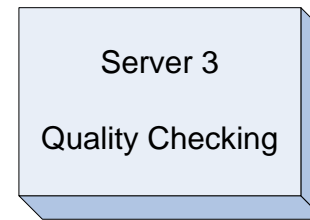
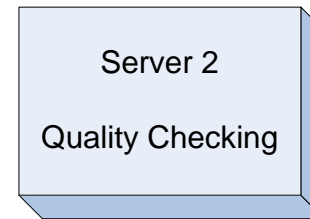
- Eight Servers
 - 4 Production
 - 4 Test
- Server 1
 - Clarus Manager
 - Collector Services
 - Watchdog
- Server 2
 - Clarus Manager
 - Qualified Environmental Data Cache
 - Quality Checking Services
 - Watchdog
- Server 3
 - Clarus Manager
 - Qualified Environmental Data Cache
 - Quality Checking Services
 - Watchdog
- Server 4
 - Application Services (GUI)
 - Qualified Environmental Data Services and User Interface
 - Environmental Metadata Services and User Interface
 - Database

Server Configurations

Current



Pending



Communications

■ Current Service

■ One Data T-1

- 1.5 Mbps Symmetrical Internet Connection
 - Inbound – 1.5 Mbps
 - Outbound – 1.5 Mbps

■ Pending Service

■ Three Data T-1s (Bonded)

- 4.5 Mbps Symmetrical Internet Connection
 - Inbound – 4.5 Mbps
 - Outbound – 4.5 Mbps

GUI Updates

- Google Map
 - Update with latest version
 - Change processing of observations
- Enhance Speed

Text Observations

- NTCIP 1204 defines text observations with numerical values
 - Wind Situation
 - Precipitation – Yes No
 - Precipitation Situation
 - Visibility Situation
 - Surface Status

Variations

- Trace Moisture
- Trace_Moisture
- TraceMoisture
- TMoisture
- TrMoisture
- traceMoisture

Surface Status

- 1 other
- 2 error
- 3 dry
- 4 trace moisture
- 5 wet
- 6 chemically wet
- 7 ice warning
- 8 ice watch
- 9 snow warning
- 10 snow watch
- 11 absorption
- 12 dew
- 13 frost
- 14 absorption at dewpoint

Surface Status – Lookup Tables

- 1 other
- 2 error
- 3 dry
- 4 trace moisture
 - `trace_moisture`, `TraceMoisture`, `TrMoisture`
- 5 wet
- 6 chemically wet
- 7 ice warning
- 8 ice watch
- 9 snow warning
- 10 snow watch
- 11 absorption
- 12 dew
- 13 frost
- 14 absorption at dewpoint

Clarus website

■ www.clarus-system.com

Contact Information

Brenda Boyce

Mixon Hill, Inc.

12980 Metcalf Avenue, Suite 470

Overland Park, Kansas 66213

(913) 239-8400 phone

(913) 239-8070 fax