SECTION 15

R*TIME Data Viewer on the Internet and Enhancements

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R*TIME Data Viewer on the Internet

❖ Why put the R*TIME Data Viewer on the Internet?

Thin Client

❖ Our Intent and Purpose:

- ▪ "To provide a thin client Data Viewer with as much functionally as possible while not requiring a new set of displays"

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Thin Client

❖ The Approach:

- Several approaches exist, such as;
  - ✓ A web service
  - ✓ A collection of Java Applets
  - ✓ An ActiveX Control
    - ➢ Our approach

Thin Client

❖ Pro's:

- It works like a Windows application
  - ✓ Button clicks occur
  - ✓ Trend drawing done
- Can be used in a web page
  - ✓ Uses the OBJECT HTML tag which limits use to Internet Explorer

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Thin Client

❖ Pro's (Continued):

  ▪ Display sets will generally remain unchanged

  ▪ Server Side external applications will still run

  ▪ Trending will still work

Thin Client

❖   Example:

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Thin Client

❖ Highlights:

- Configuration will be done at the server level and apply to all open views
- Security would exist at the web page/session level and be server based

Thin Client

- ❖ Cons:
    - Local external application unlikely to operate
    - The menu structure will disappear and likely show up on the web page
        - ✓ File Open would be a web page entry or navigation
        - ✓ "Save User" state file would be saved on the server through the web page
    - Very large trends may have some limitations because of the extra network overhead

Thin Client

❖ Feedback:

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Enhancements

❖ Pick 5 game!