Introducing NovAtel Connect™

www.novatel.com

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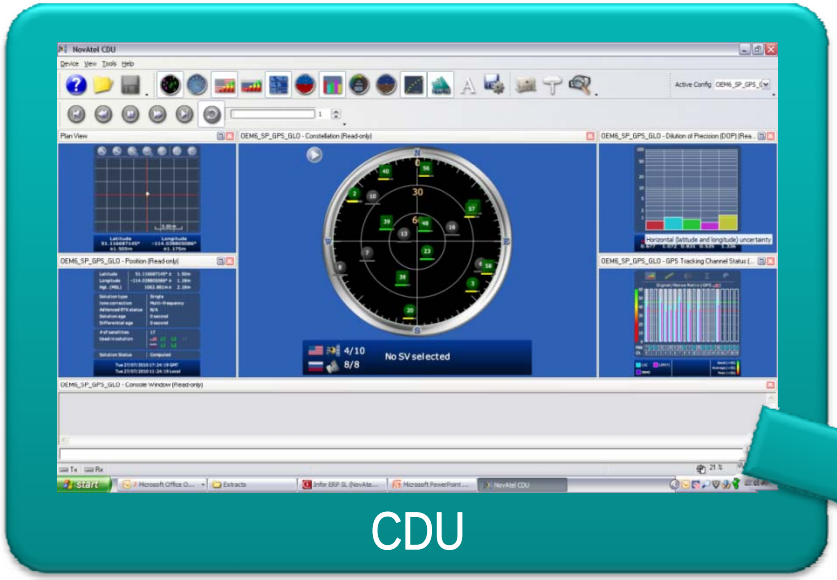
- Our new PC dashboard/control application for NovAtel receiver products
- Successor to our previous CDU application



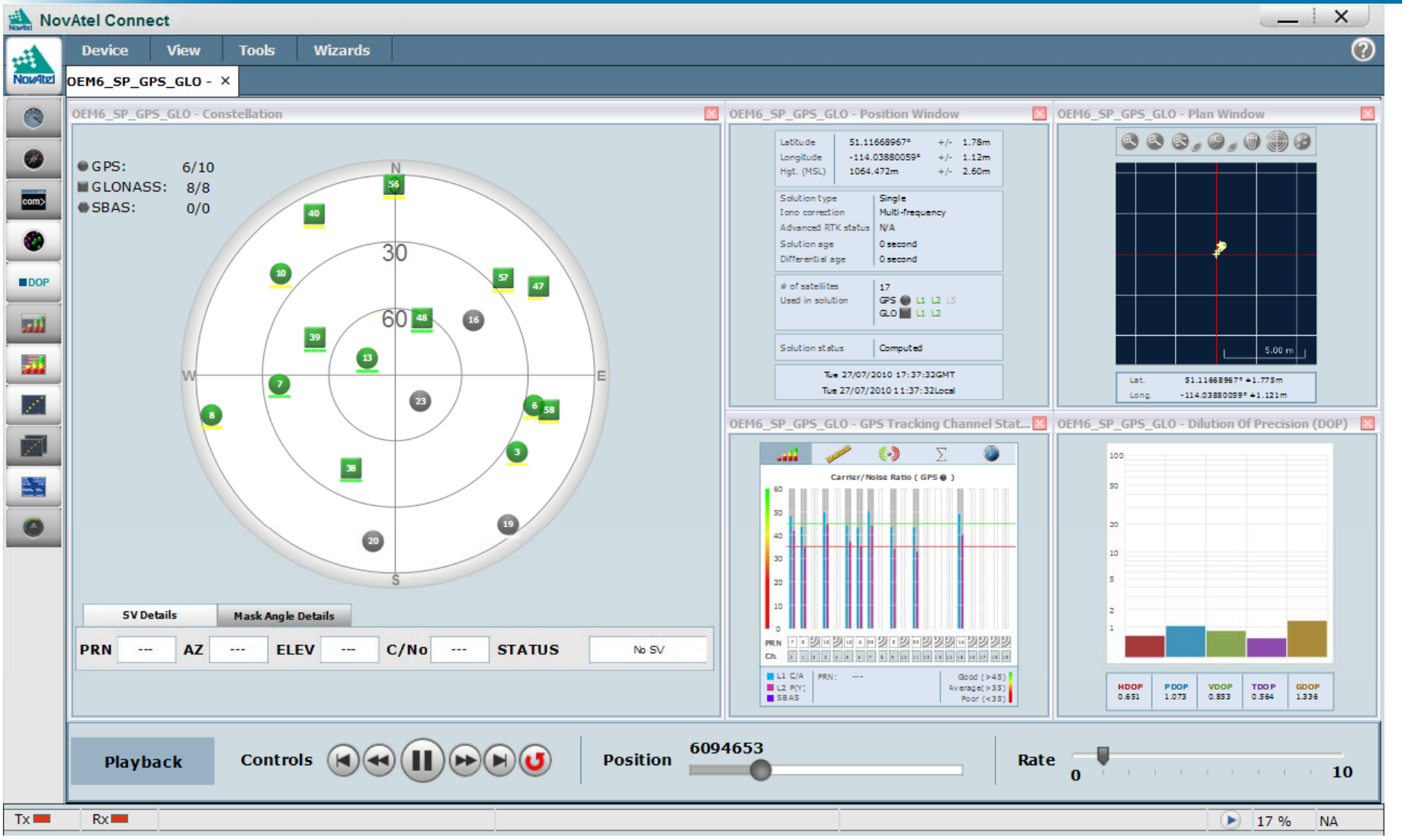
NovAtel Connect – New Features

- Works on XP and Windows 7
- New screen layout and look and feel
- “NovAtel” button
- Light and Dark colour schemes
- Connections displayed as Tabs
- Preset window configurations
- USB communication type added

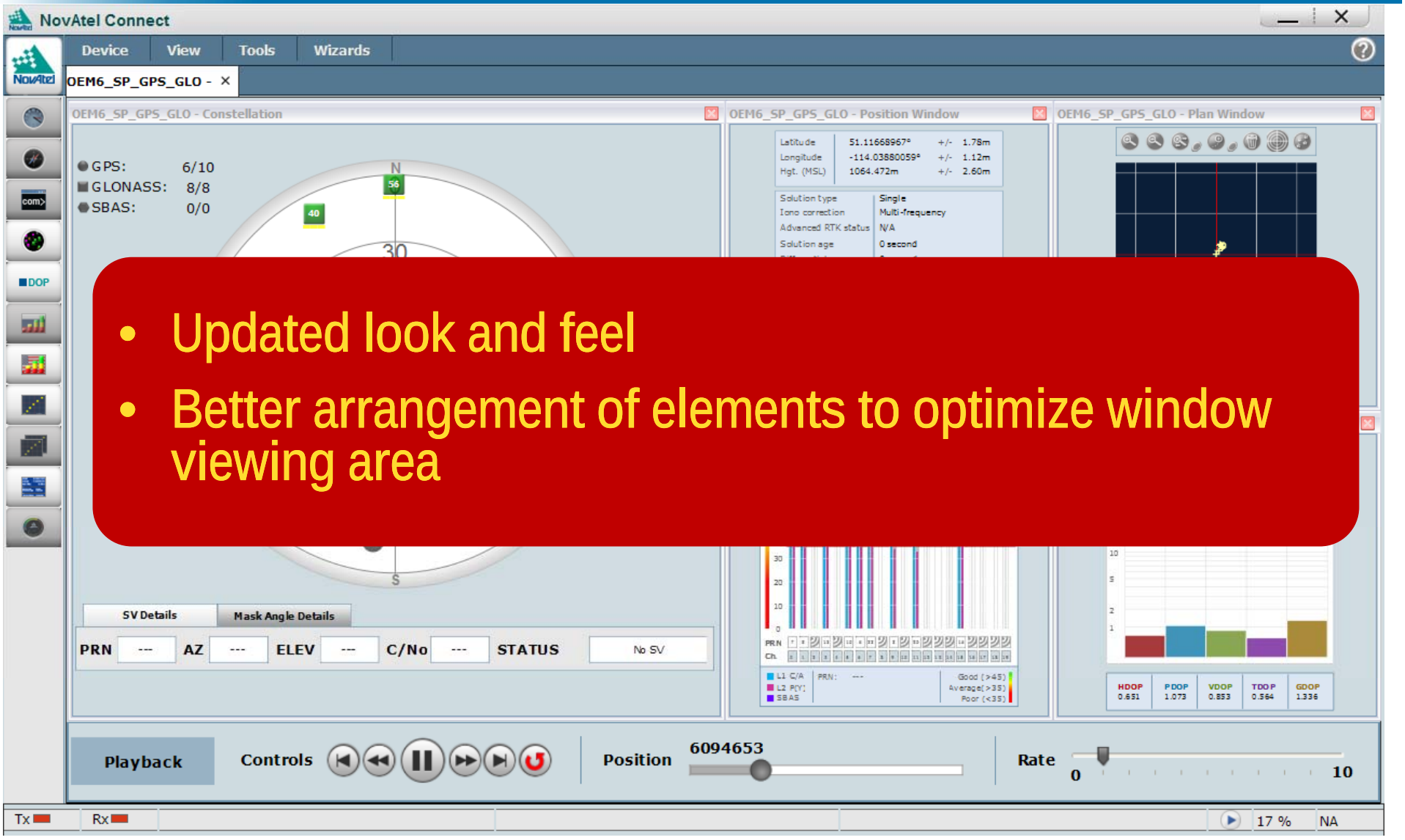
NovAtel Connect – New Features

- **New look and feel:**
  - Individual Plan View and Plan View All windows
    - Each connection can have its own plan view window
    - Plan View All will display all connections
  - Dynamic Windows
    - Easy re-sizing and placement of windows using drag and drop to create customized views
  - Static Windows
    - Standard tiled window style lets user manually resize and position windows for customized views

New Layout

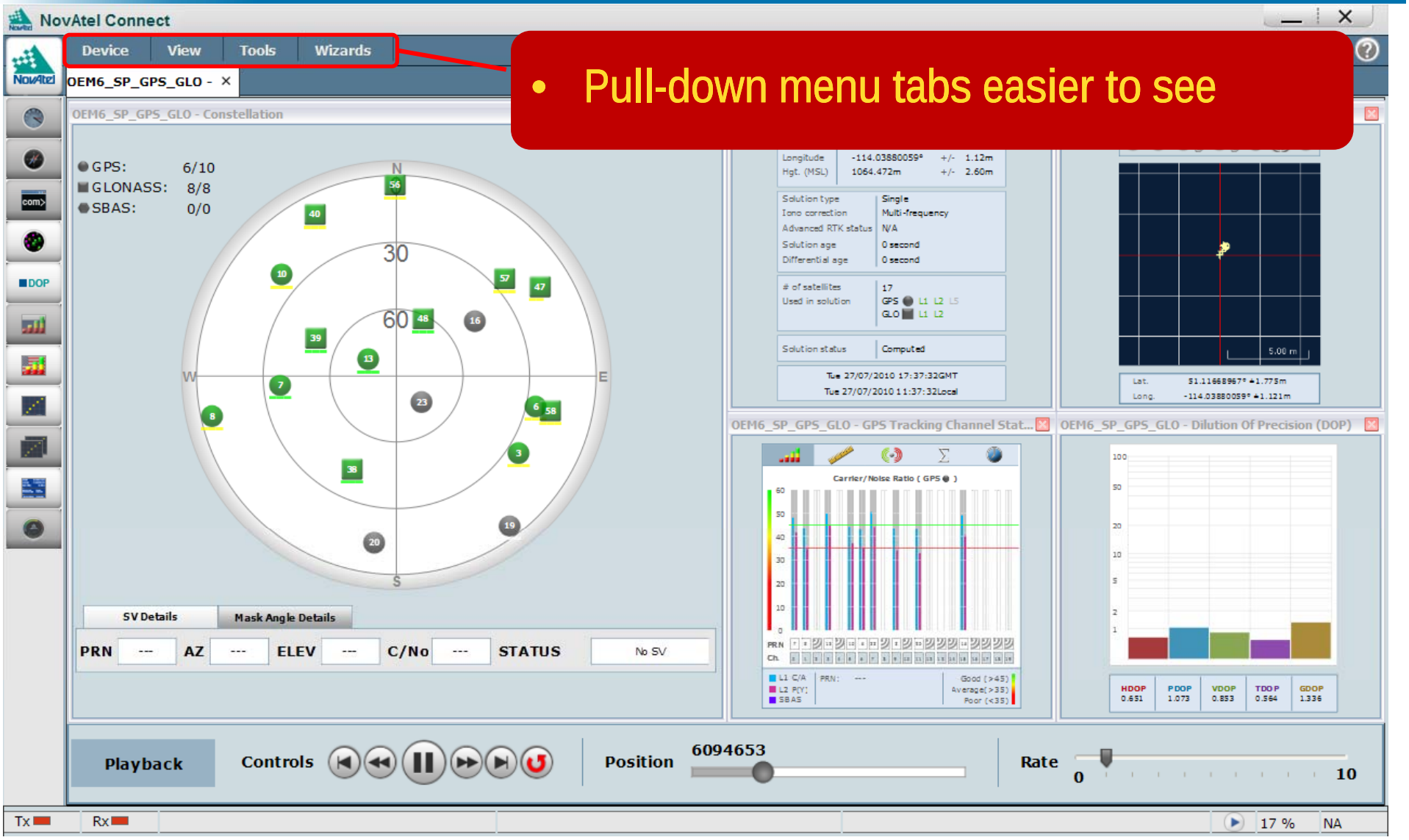

NovAtel Connect
Device
View
Tools
Wizards
OEM6_SP_GPS_GLO -
OEM6_SP_GPS_GLO - Constellation
GPS: 6/10
GLONASS: 8/8
SBAS: 0/0
N
E
S
W
30
60
SV Details
Mask Angle Details
PRN
AZ
ELEV
C/No
STATUS
No SV
OEM6_SP_GPS_GLO - Position Window
Latitude 51.11668967° +/- 1.78m
Longitude -114.03880059° +/- 1.12m
Hgt. (MSL) 1064.472m +/- 2.60m
Solution type Single
Iono correction Multi-frequency
Advanced RTK status N/A
Solution age 0 second
Differential age 0 second
# of satellites 17
Used in solution
Solution status Computed
Tue 27/07/2010 17:37:32GMT
Tue 27/07/2010 11:37:32Local
OEM6_SP_GPS_GLO - Plan Window
5.00 m
OEM6_SP_GPS_GLO - GPS Tracking Channel Stat...
Carrier/Noise Ratio (GPS)
OEM6_SP_GPS_GLO - Dilution Of Precision (DOP)
HDOP 0.651
PDOP 1.073
VDOP 0.853
TDOP 0.564
GDOP 1.336
Playback
Controls
Position 6094653
Rate
0
10
Tx
Rx
17 %
NA

New Layout



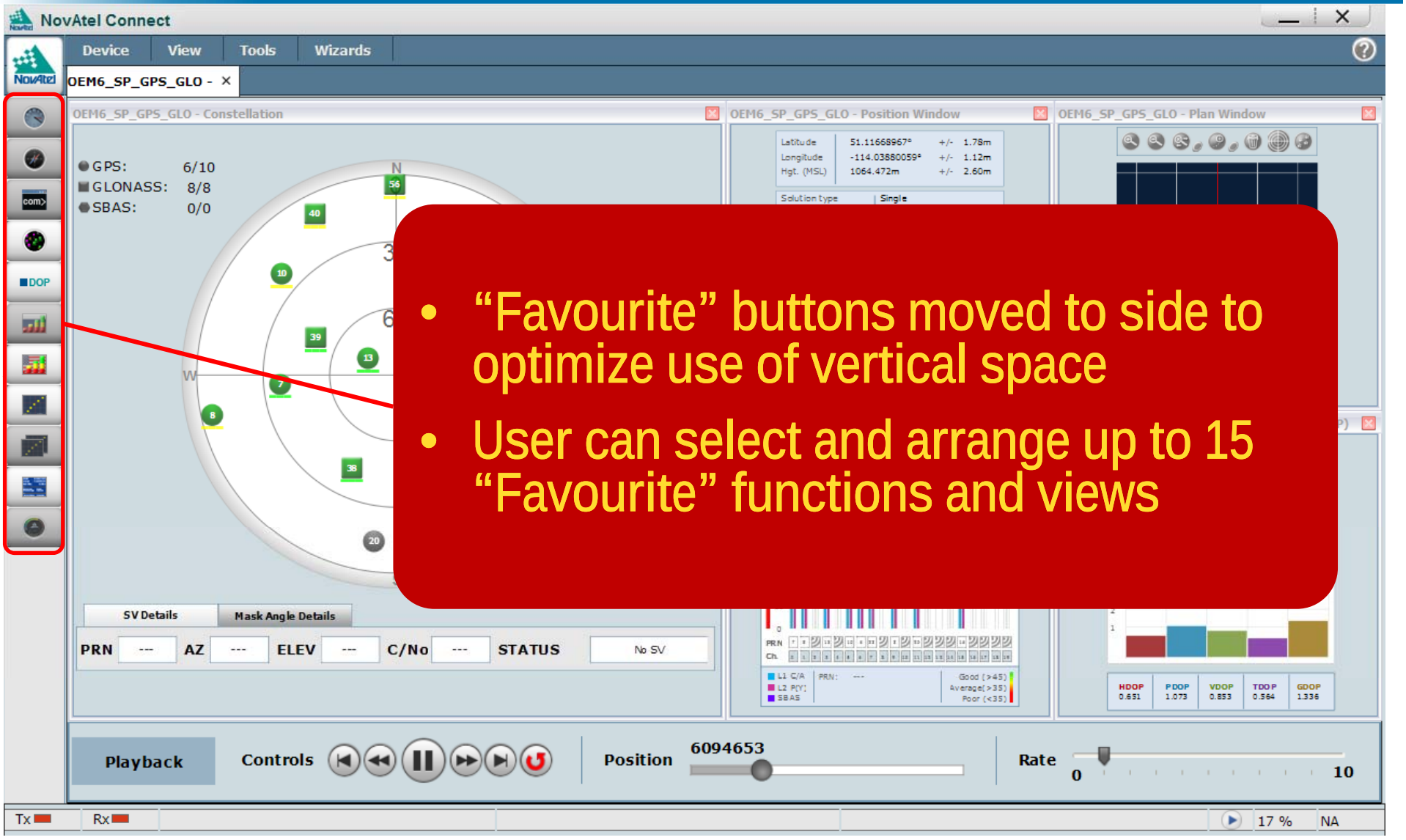
- Updated look and feel
- Better arrangement of elements to optimize window viewing area

New Layout



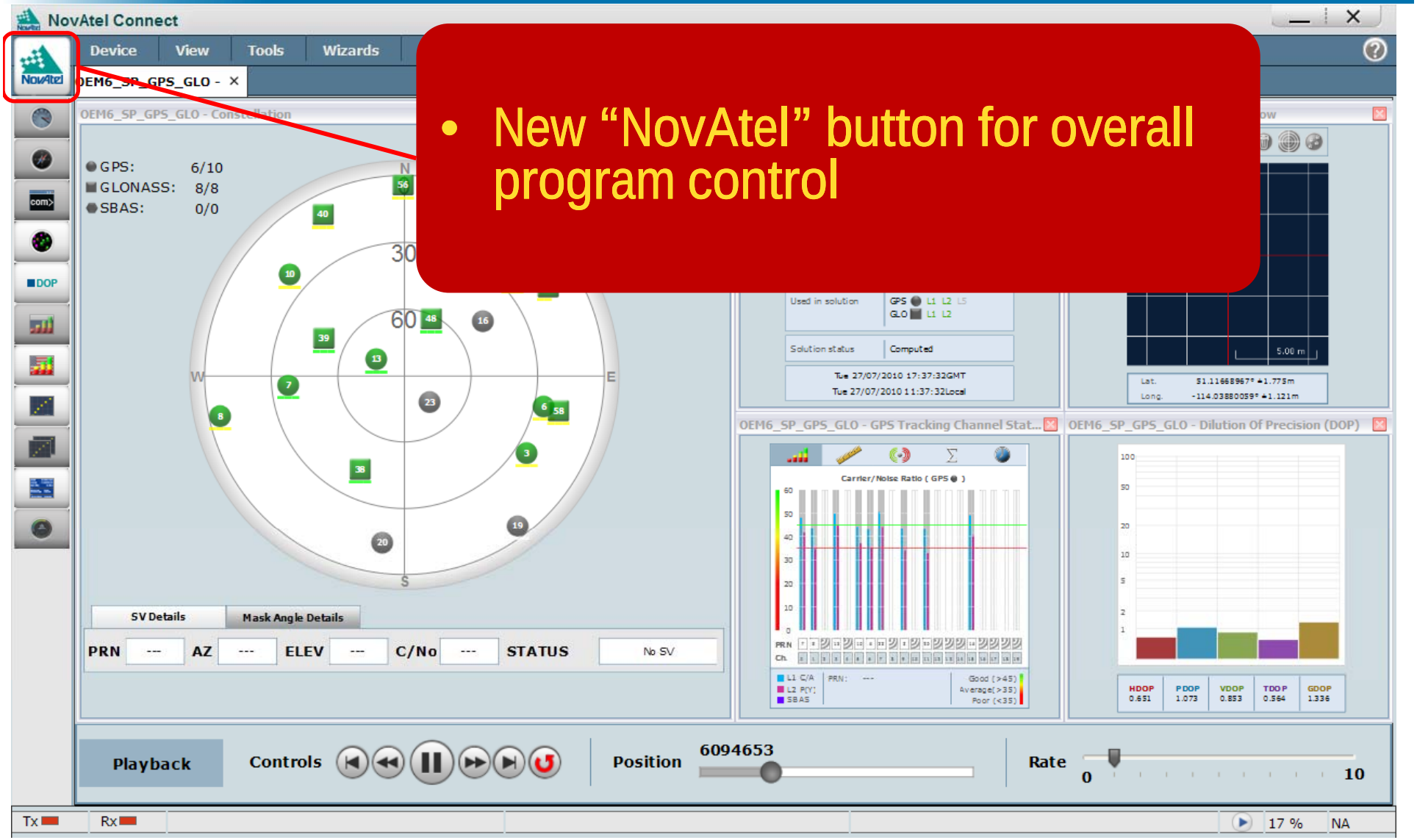
- Pull-down menu tabs easier to see

New Layout



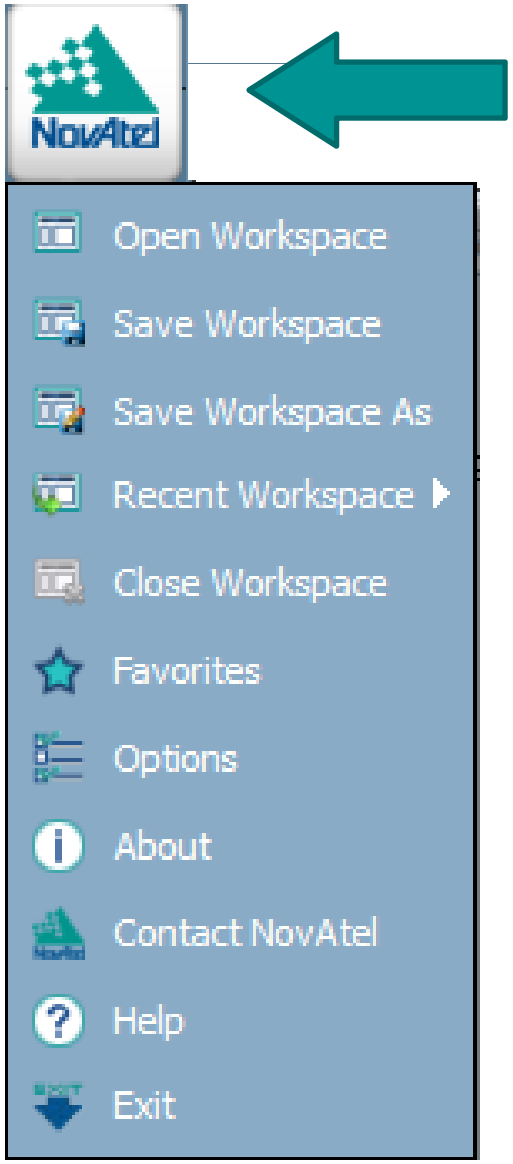
- "Favourite" buttons moved to side to optimize use of vertical space
- User can select and arrange up to 15 "Favourite" functions and views

NovAtel Button



- New “NovAtel” button for overall program control

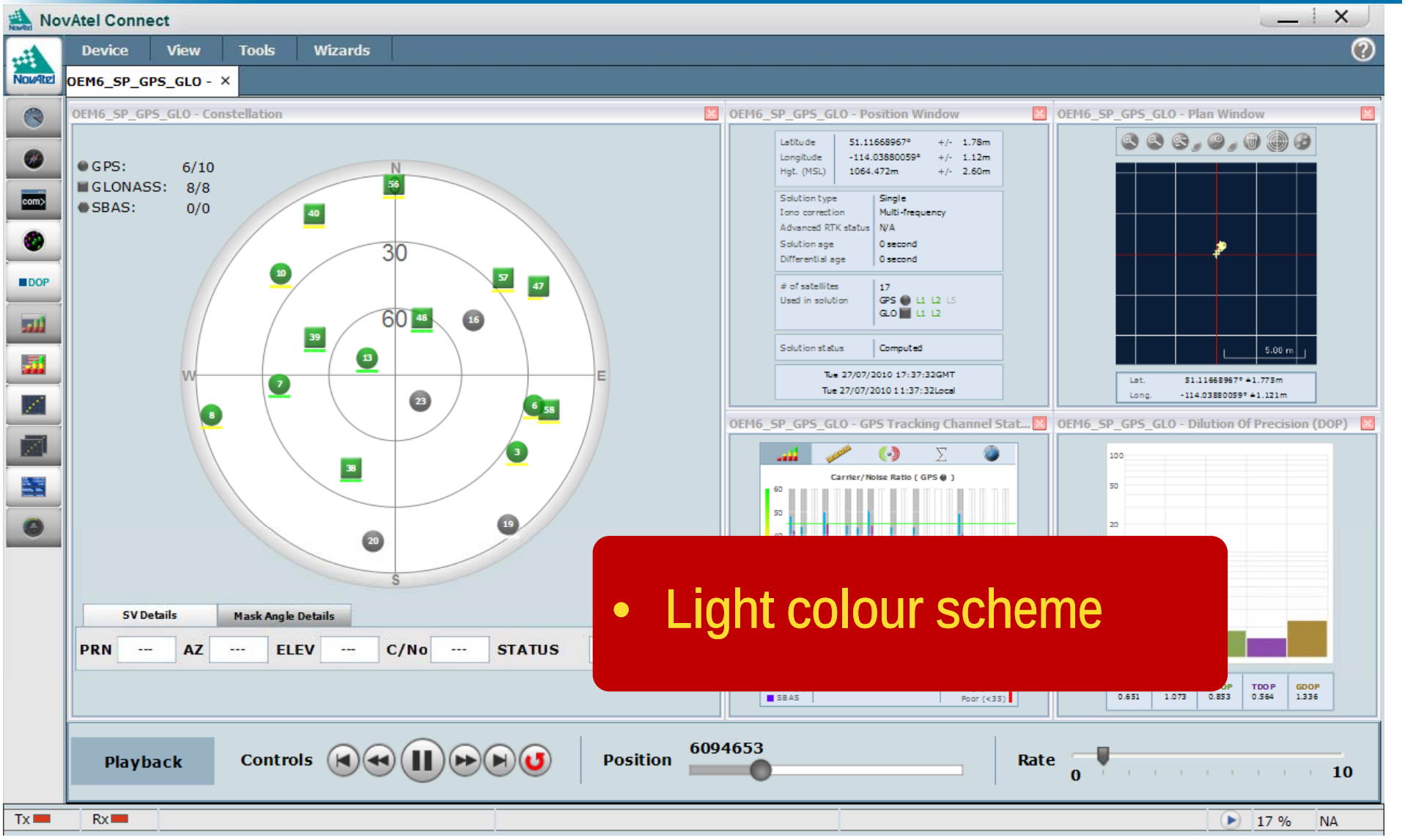
NovAtel Button



- **Clicking this button will drop down menu items for:**
  - Workspace Control
  - Favourites selection
  - Options
  - Contact
    - Includes hypertext links to NovAtel support
  - Help

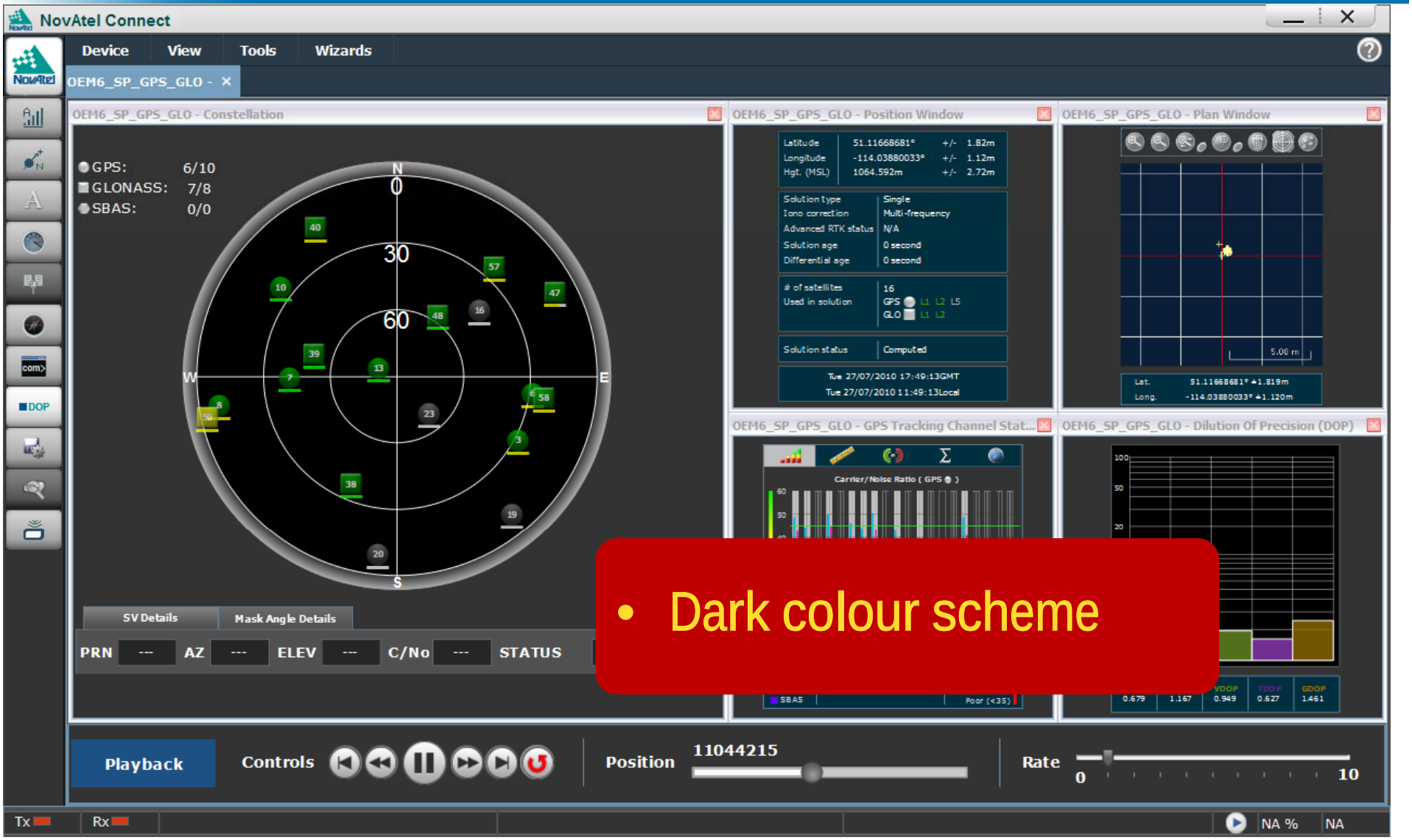
- **Two colour schemes:**
  - Light and Dark
  - Allows easier viewing options for outdoor and indoor applications

Colour Schemes



- Light colour scheme

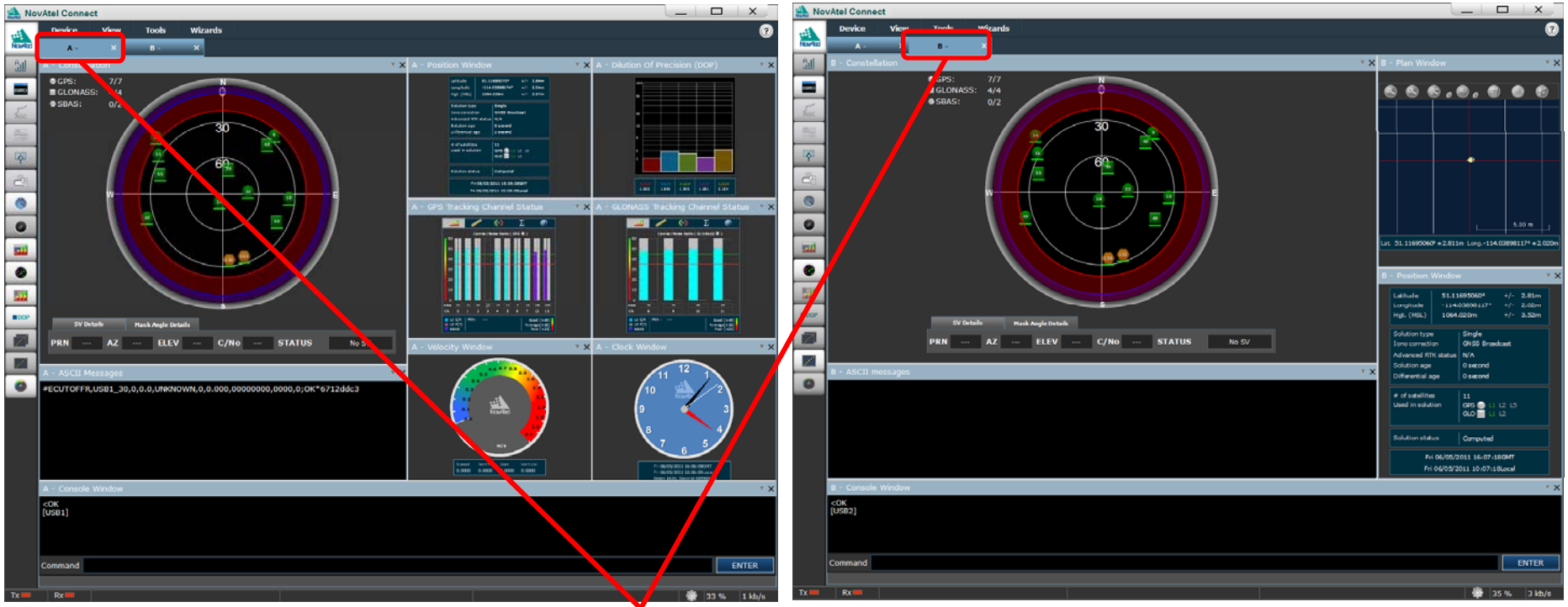
Colour Schemes



- Dark colour scheme

Tabbed Connections

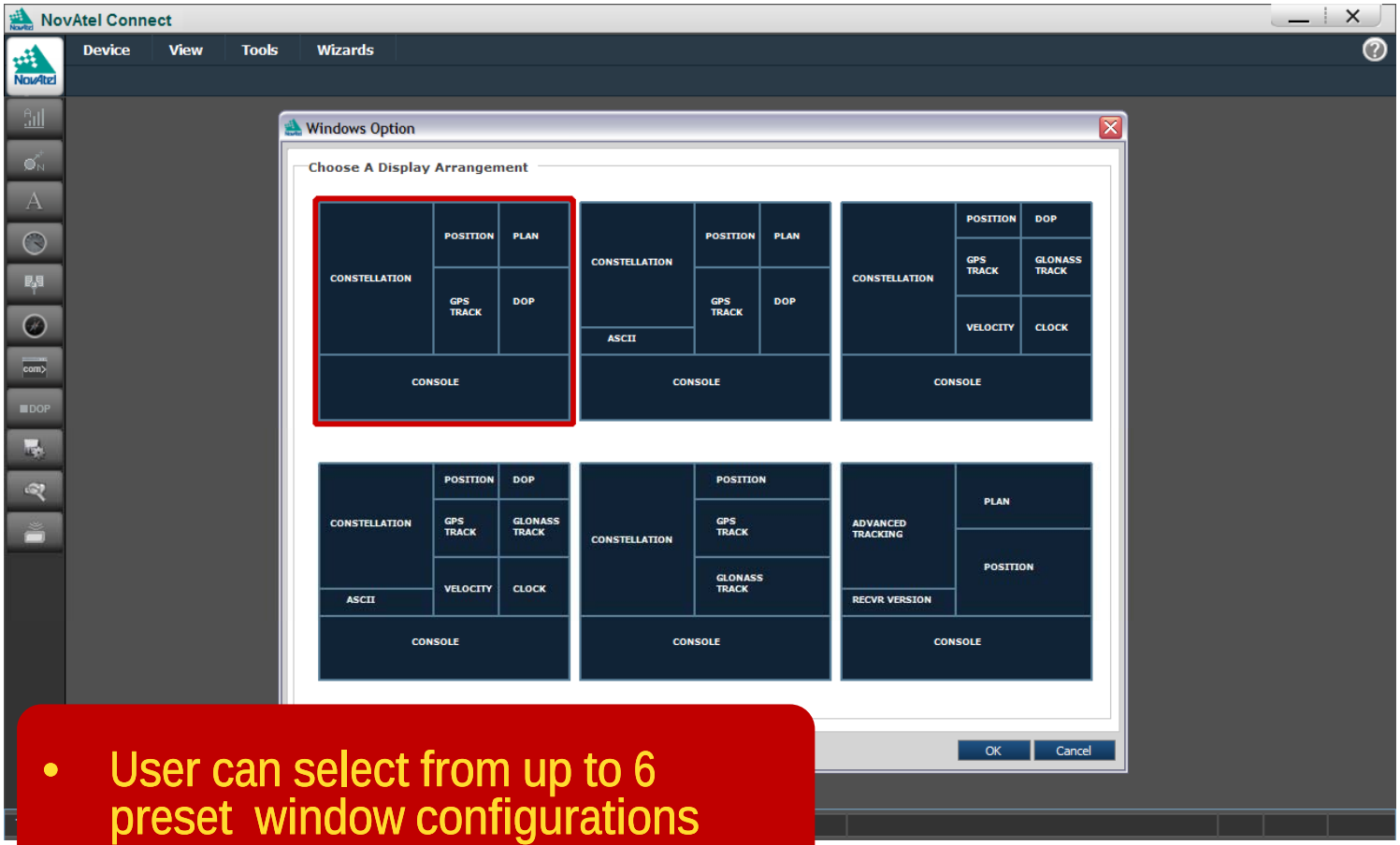
- **Individual connections are now arranged as tabs.**
  - Easier to switch between connections
  - All windows associated with connections are linked to the tab
  - Maximum 6 connections



- Connections are now setup as individual tabs

Preset Window Configurations

- **Preset window configurations for easy display setup**
  - Easy configuration of connection window arrangements
  - User can select from 6 pre-arranged configurations

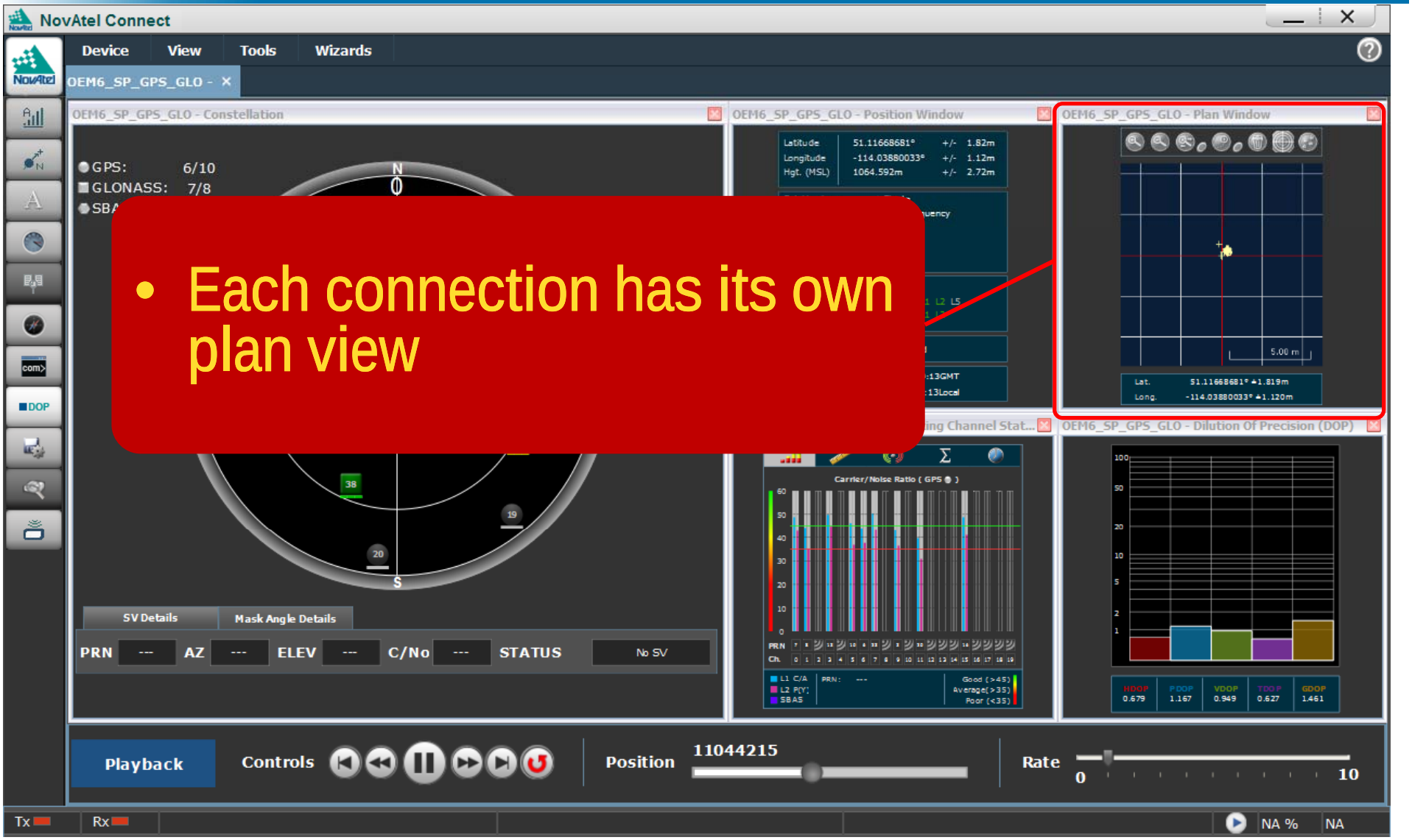


- User can select from up to 6 preset window configurations

Individual Plan View and Plan View All

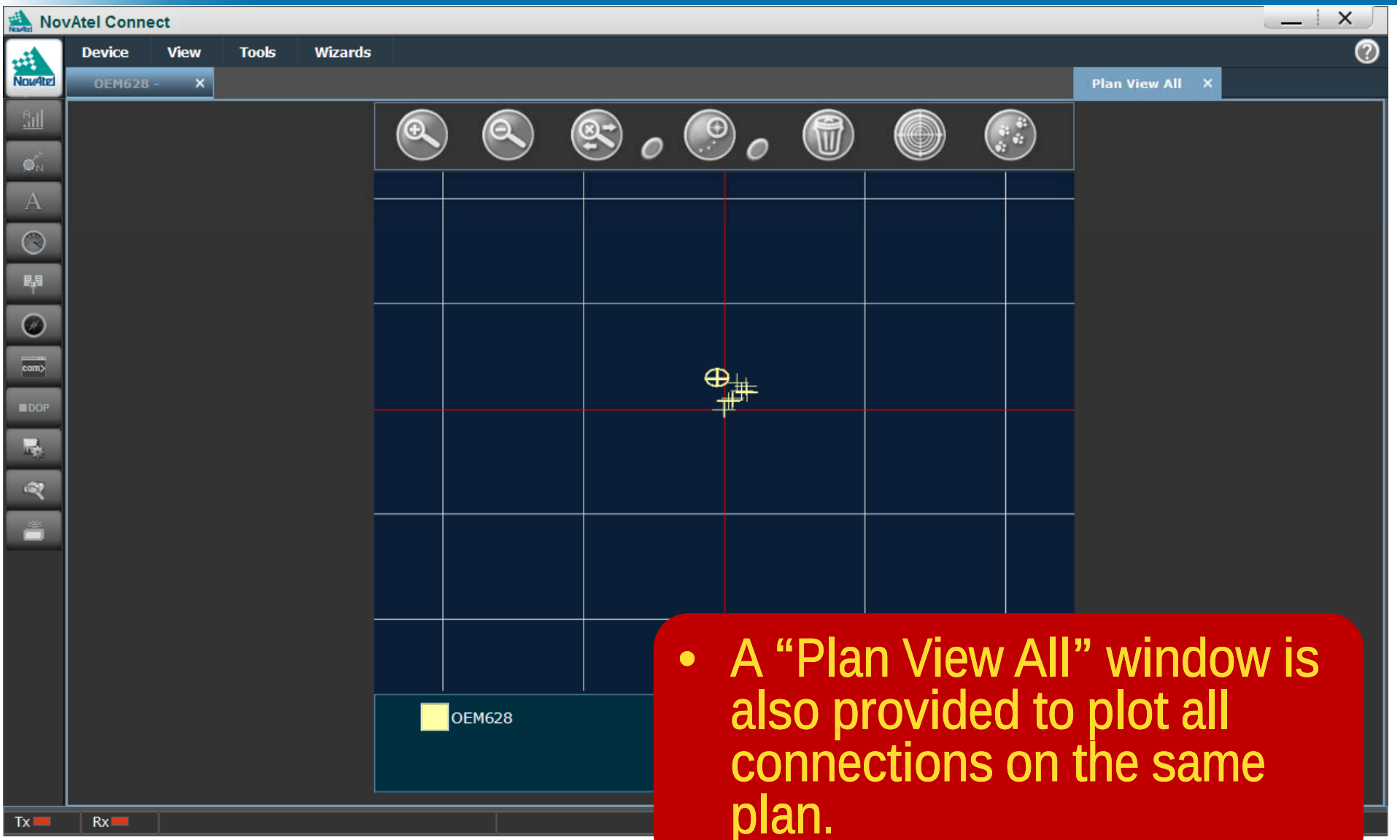
- "**Plan View" and "Plan View All" windows**
  - Each connection has its own plan view window
    - Useful for customers who may have set up base station connections around the world
    - Can look at position at each location
  - The original CDU Plan View has been replaced by a new "Plan View All" window
    - Plan View All will display all connections at the same time
    - A separate tab is created for "Plan View All"

Individual and Plan View All Windows



- Each connection has its own plan view

Individual and Plan View All Windows

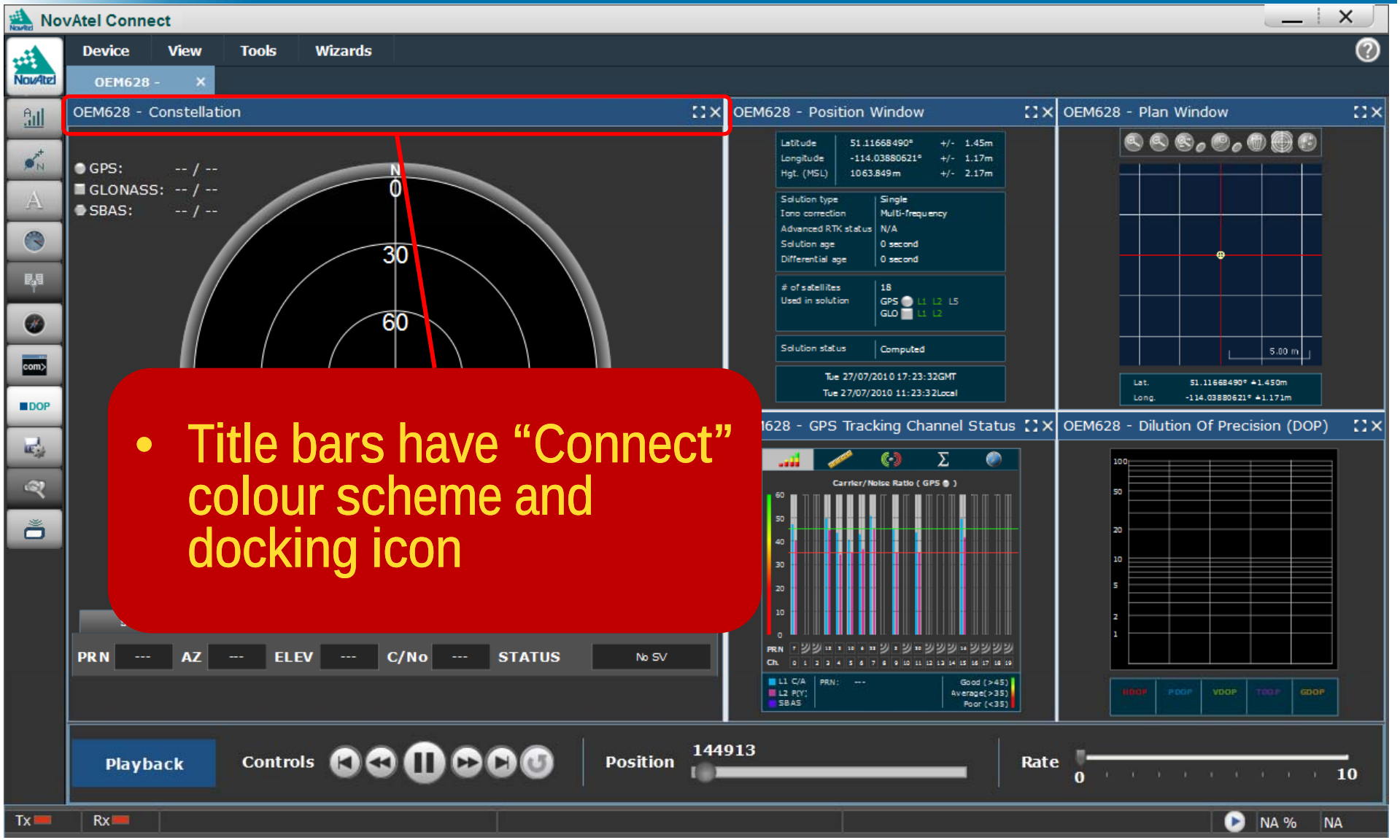


- A “Plan View All” window is also provided to plot all connections on the same plan.

Static and Dynamic Window Modes

- **NovAtel Connect supports Static and Dynamic window modes**
  - Static is basic, simple, manual window control
  - Dynamic allows docking, auto-resizing of windows
- **Dynamic mode is default at startup**
  - Significant improvement over CDU
  - Allows windows to be docked within columns
  - Drag and drop of windows into columns can
    - Insert between two windows
    - Tab (stack) windows within a slot in a column
  - Dragging window borders will adjust window sizes
  - Right click on title bar allows user to swap or change window contents

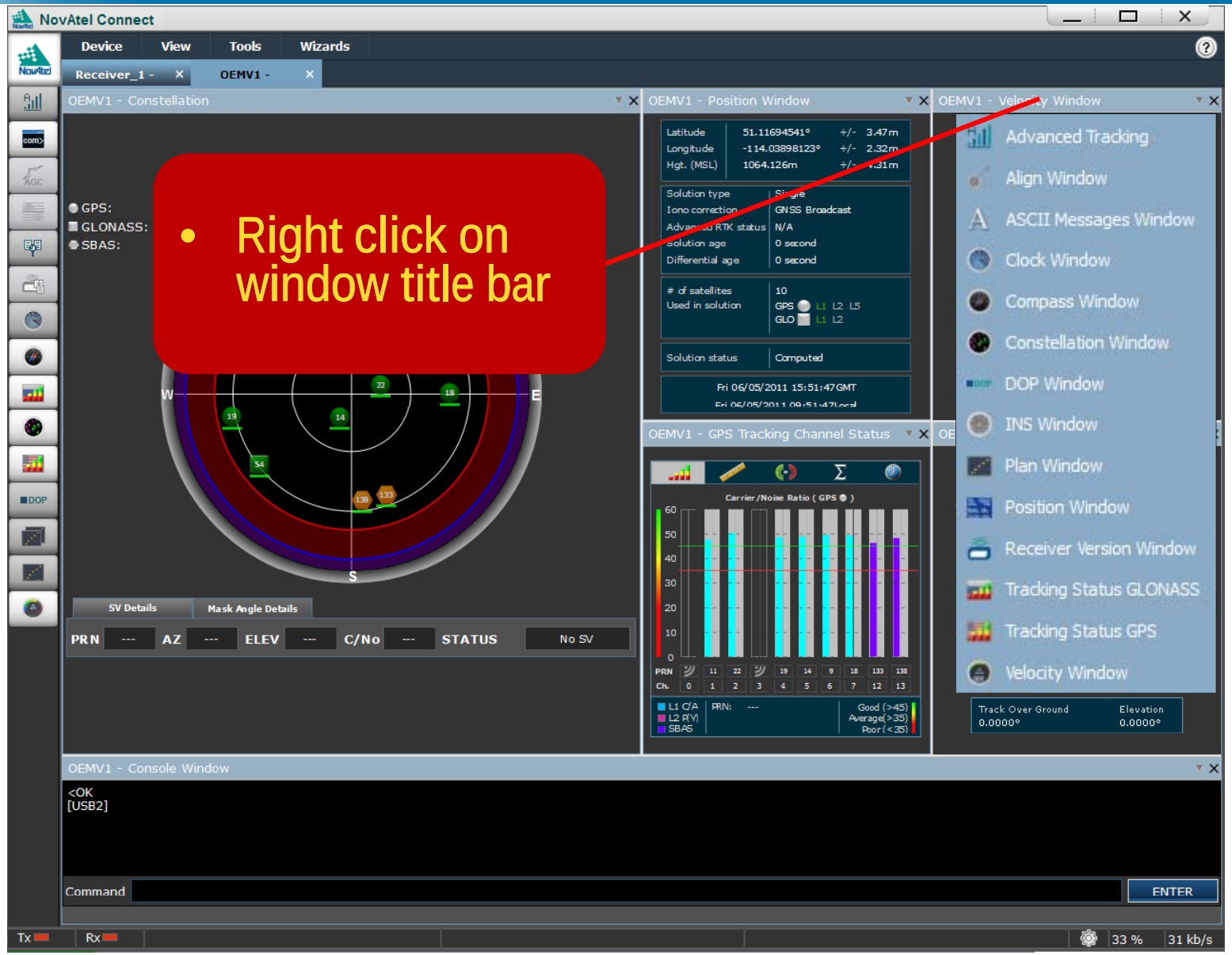
Dynamic Windows Mode



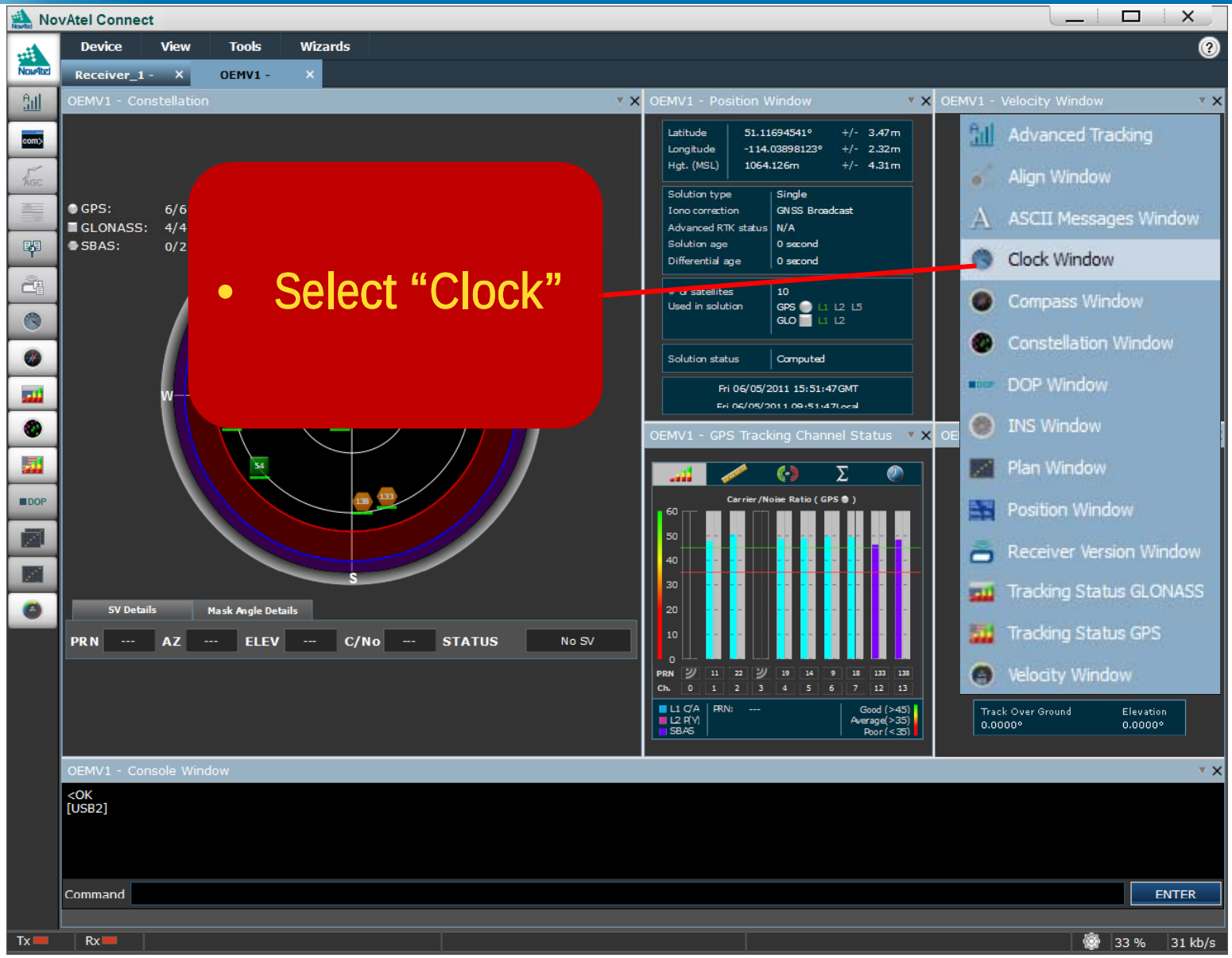
- Title bars have “Connect” colour scheme and docking icon

Dynamic Windows Mode – Swapping Views

Dynamic Windows Mode – Swapping Views



Dynamic Windows Mode – Swapping Views



- Select “Clock”

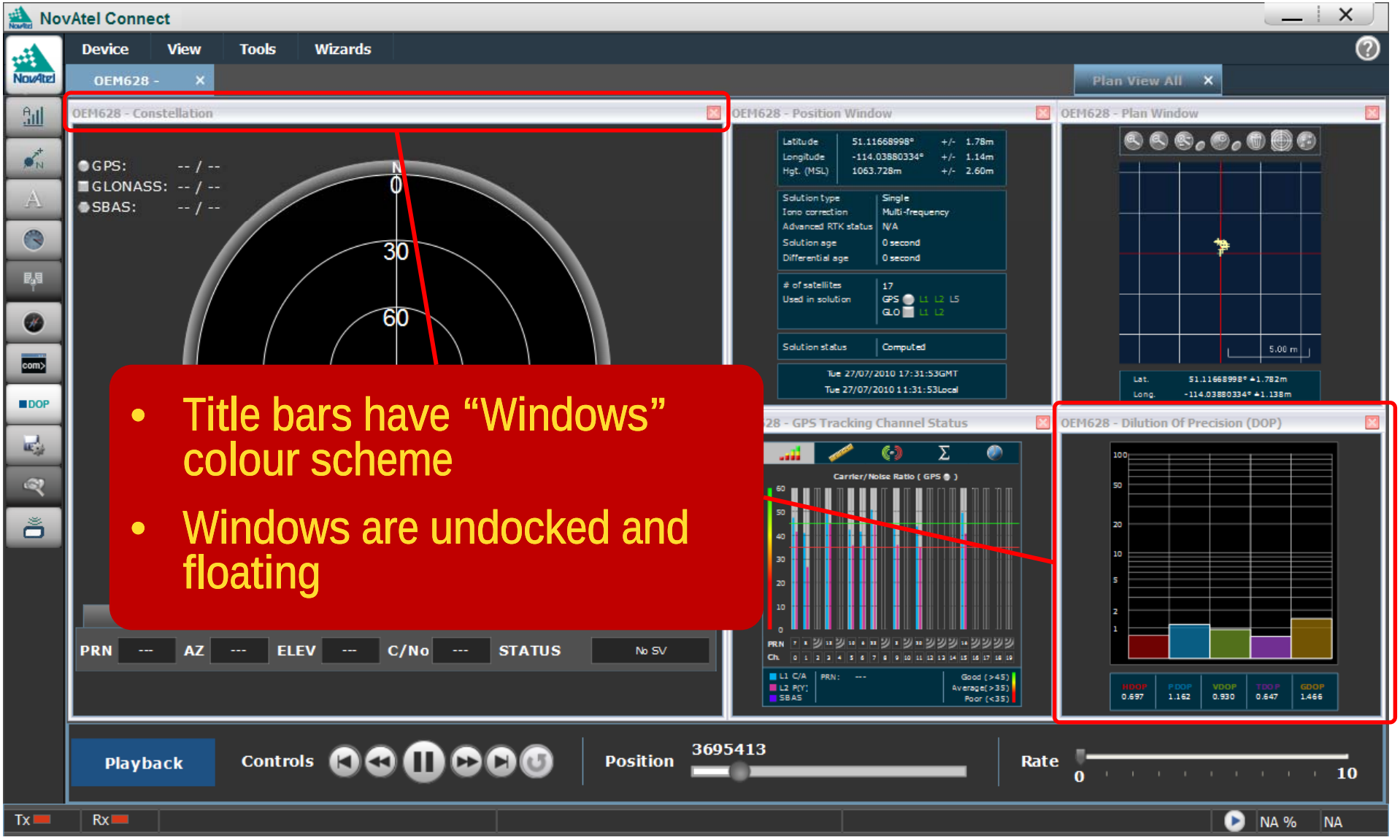
Dynamic Windows Mode – Swapping Views

- Window now shows Clock view

Static and Dynamic Window Modes

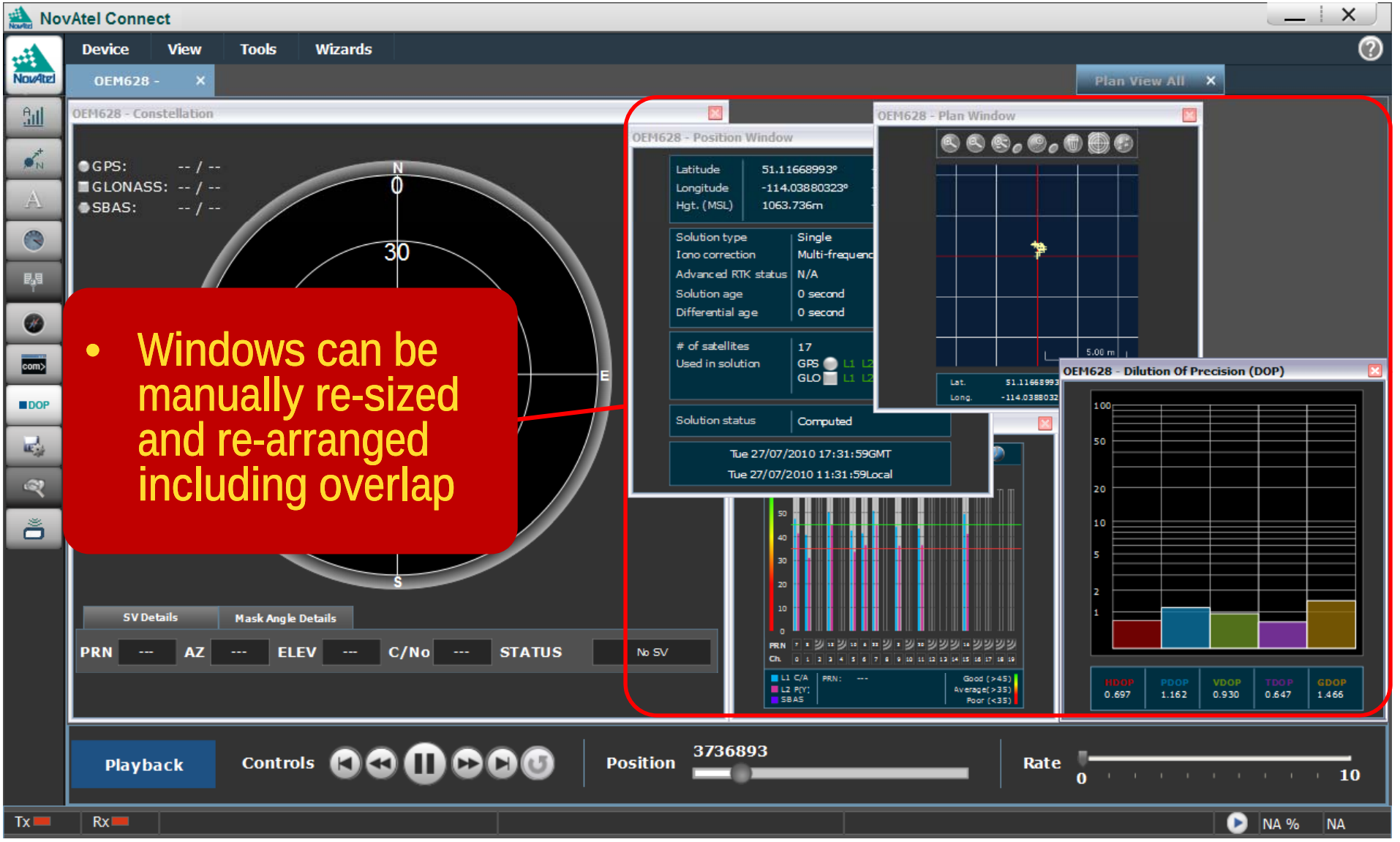
- **Static mode**
  - Simple, basic tile-based windows
  - Allows users to manually adjust window size & position
  - Can support overlapping windows if needed
  - Static mode easily identified as window title bars adopt Windows colour scheme

Static Windows Mode



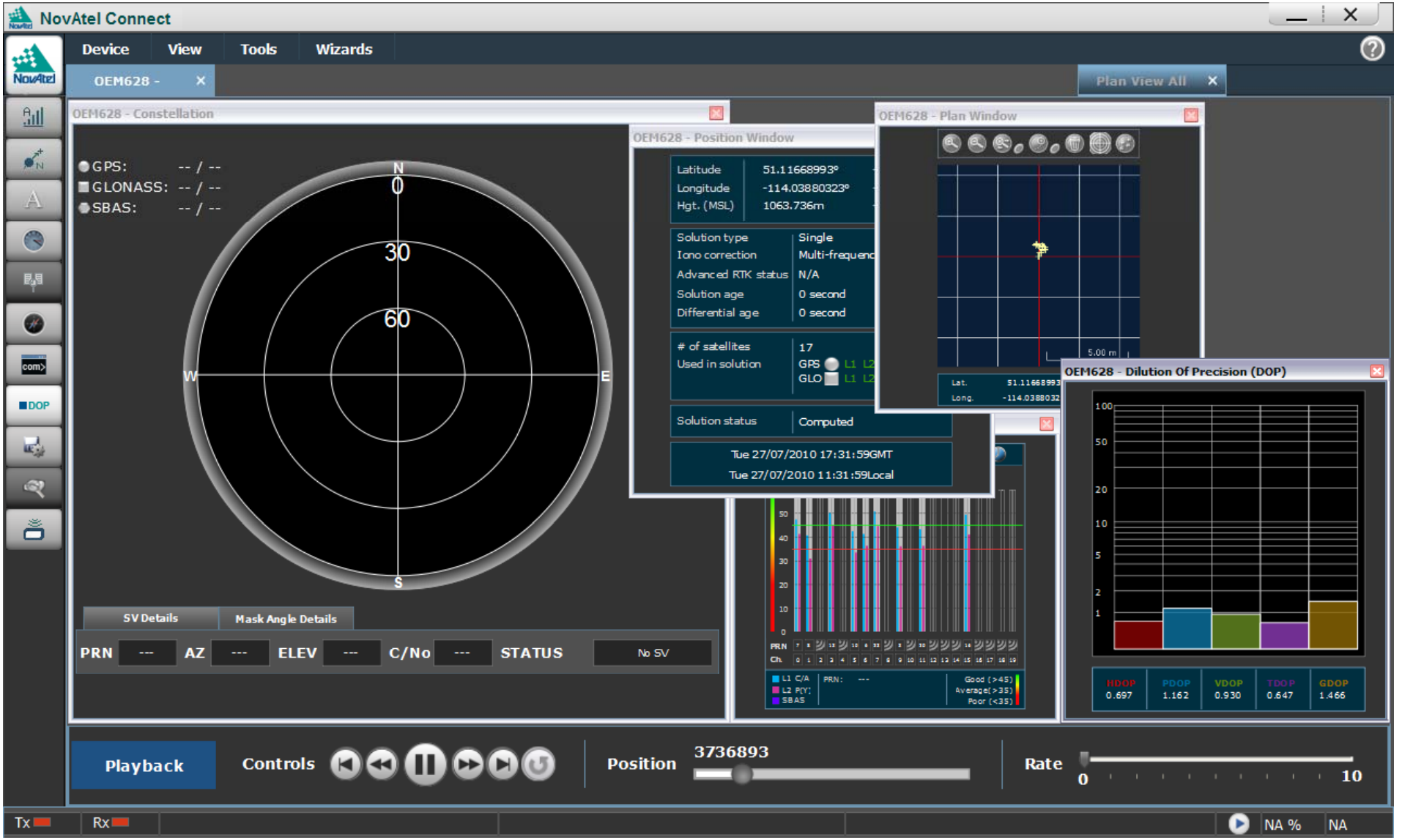
- Title bars have “Windows” colour scheme
- Windows are undocked and floating

Static Windows Mode



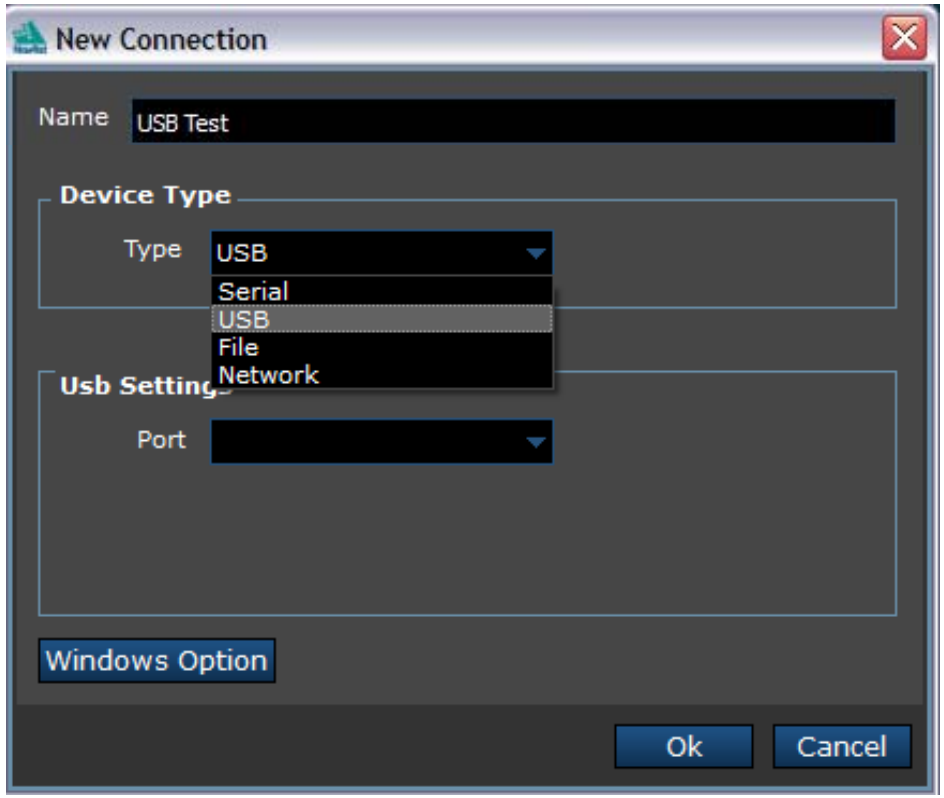
- Windows can be manually re-sized and re-arranged including overlap

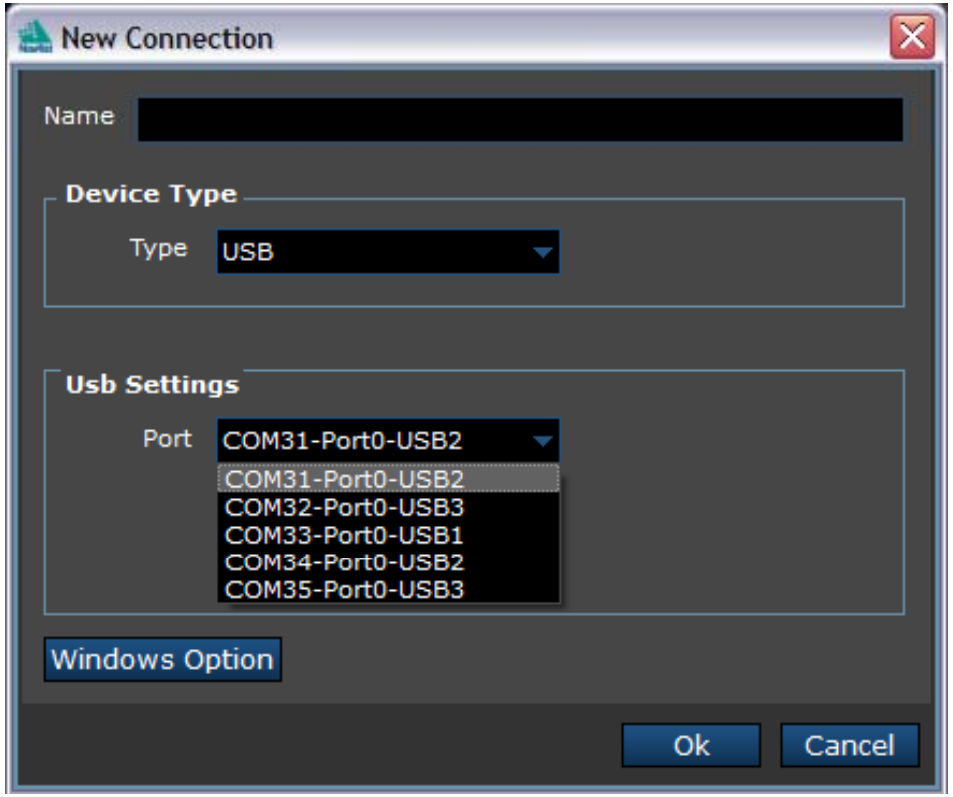
Static Windows Mode



USB Device Type

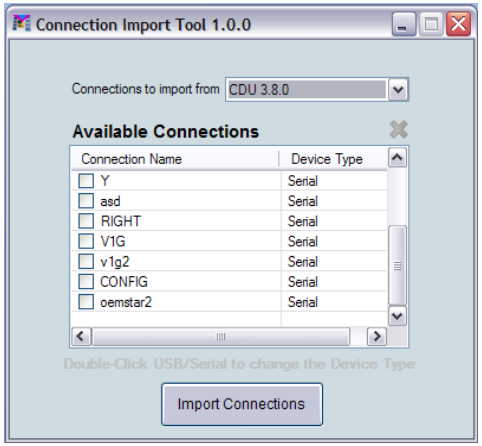
- Added USB device type to Connections
- Provides logical link of com port to USB port in Connect
- Easier to identify USB com ports from UART com ports





Notes for Optimum Performance

- Connection setups made with CDU can be converted to run with Connect by running the Connection Import Tool provided with Connect.



- Connect will also run on Windows Vista but it has not been fully validated on this OS.
- When running Connect on Windows 7, please set your text size to small for best performance.
- Connect optimizes the display of detailed receiver information. It does not support the Windows “Restore Down” functionality as this limits the display area.
- The “Auto-Hide” functionality on your Windows task bar will not function correctly when using Connect.
  - You must minimize Connect to re-activate the task bar.

Ensuring Customer Success!