

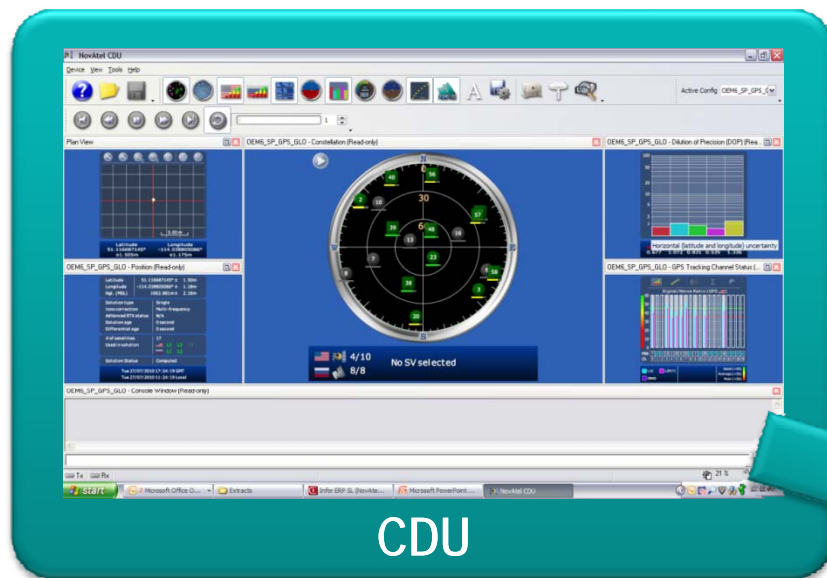
# Introducing NovAtel Connect™

[www.novatel.com](http://www.novatel.com)



# Introducing NovAtel Connect™

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



CDU



Connect™

# 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: OEM6\_SP\_GPS\_GLO - X

View: Constellation | Position Window | Plan Window

GPS: 6/10  
GLONASS: 8/8  
SBAS: 0/0

**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: GPS (L1, L2, L5), GLO (L1, L2)

Solution status: Computed

Tue 27/07/2010 17:37:32GMT  
 Tue 27/07/2010 11:37:32Local

**OEM6\_SP\_GPS\_GLO - Plan Window**

Lat: 51.11668967° ± 1.775m  
 Long: -114.03880059° ± 1.121m

**OEM6\_SP\_GPS\_GLO - GPS Tracking Channel Stat...**

Carrier/Noise Ratio (GPS)

PRN: ---  
 Ch: ---

Legend: L1 C/A (blue), L2 P(Y) (purple), SBAS (red)

Good (>45)  
 Average (>35)  
 Poor (<35)

**OEM6\_SP\_GPS\_GLO - Dilution Of Precision (DOP)**

HDOP	PDOP	VDOP	TDOP	GDOP
0.651	1.073	0.853	0.564	1.336

SV Details | Mask Angle Details

PRN: --- AZ: --- ELEV: --- C/No: --- STATUS: No SV

Playback | Controls | Position: 6094653 | Rate: 0 to 10

Tx: [red bar] Rx: [red bar] | 17 % | NA

# New Layout

The screenshot displays the NovAtel Connect software interface with a new layout. The interface is divided into three main panels:

- OEM6\_SP\_GPS\_GLO - Constellation:** Shows a circular constellation diagram with satellite icons. A legend on the left indicates: GPS: 6/10, GLONASS: 8/8, SBAS: 0/0. A table below the diagram shows columns for PRN, AZ, ELEV, C/No, and STATUS.
- OEM6\_SP\_GPS\_GLO - Position Window:** Displays real-time position data:

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
- OEM6\_SP\_GPS\_GLO - Plan Window:** Shows a 2D map view with a grid and a red line indicating a path or position.

At the bottom, there is a playback control section with buttons for play, stop, and refresh, along with a position slider set to 6094653 and a rate slider set to 10. A status bar at the very bottom shows Tx and Rx indicators, a play button, 17% progress, and NA.

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

# New Layout

The screenshot displays the NovAtel Connect software interface. At the top, a menu bar contains 'Device', 'View', 'Tools', and 'Wizards' tabs, which are highlighted by a red box and a red arrow pointing to a callout box. The callout box contains the text: 'Pull-down menu tabs easier to see'. The main interface is divided into several sections:

- Top Left:** A sidebar with icons for various functions like 'GPS', 'GLONASS', 'SBAS', 'DOP', and 'Playback'.
- Top Center:** A 'Constellation' diagram showing satellite positions relative to the Earth's horizon, with satellites numbered 3 through 59.
- Top Right:** A panel displaying position data: Longitude: -114.03880059° +/- 1.12m, Hgt. (MSL): 1064.472m +/- 2.60m. It also shows solution type (Single), iono correction (Multi-frequency), and solution age (0 second).
- Middle Right:** A 'GPS Tracking Channel Stat...' window showing a bar chart of Carrier/Noise Ratio (C/N0) for various PRNs, with a legend for L1 C/A, L2 P(Y), and SBAS.
- Bottom Right:** A 'Dilution Of Precision (DOP)' window showing a bar chart and a table of DOP values: HDOP: 0.651, PDOP: 1.073, VDOP: 0.853, TDOP: 0.564, GDOP: 1.336.
- Bottom:** A playback control bar with buttons for 'Playback', 'Controls', and a 'Position' slider set to 6094653. A 'Rate' slider is also visible, set to 10.

# New Layout

The screenshot displays the NovAtel Connect software interface. The main window is titled 'OEM6\_SP\_GPS\_GLO - X' and contains three sub-windows: 'OEM6\_SP\_GPS\_GLO - Constellation', 'OEM6\_SP\_GPS\_GLO - Position Window', and 'OEM6\_SP\_GPS\_GLO - Plan Window'. The 'Constellation' window shows a circular diagram of satellite orbits with numbered satellites (e.g., 10, 13, 20, 38, 39, 40, 56). The 'Position Window' displays coordinates: Latitude 51.11668967° +/- 1.78m, Longitude -114.03880059° +/- 1.12m, and Hgt. (MSL) 1064.472m +/- 2.60m. The 'Plan Window' shows a grid and various icons. A sidebar on the left contains 15 'Favourite' buttons, each with a unique icon, highlighted by a red box. A red arrow points from this sidebar to a red callout box. The callout box contains the following text:

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

At the bottom of the interface, there is a 'Playback' section with controls (play, stop, fast forward, fast reverse, refresh) and a 'Position' slider set to 6094653. To the right is a 'Rate' slider set to 0. The status bar at the bottom shows 'Tx' and 'Rx' indicators, a play button, '17 %', and 'NA'.

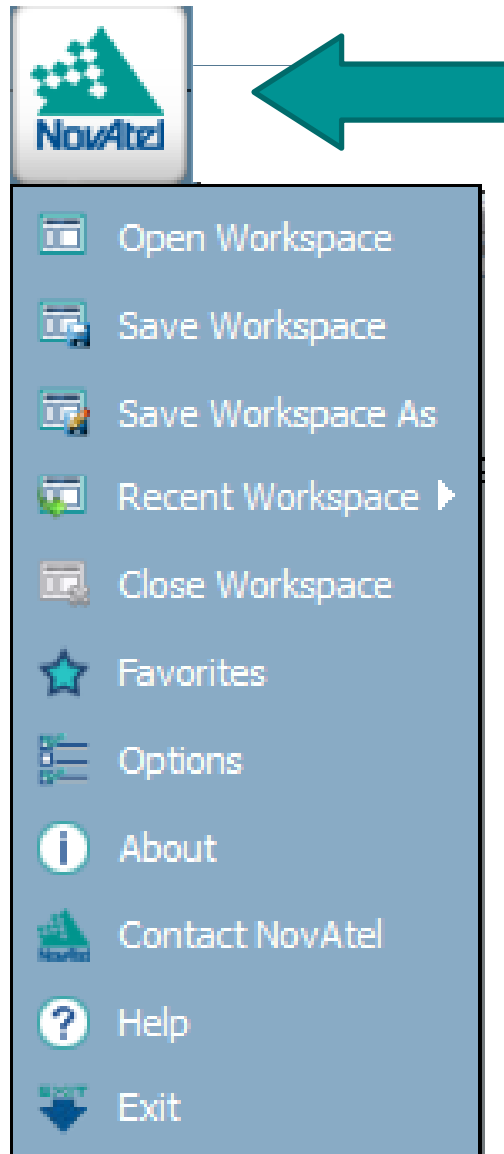


# NovAtel Button

The screenshot shows the NovAtel Connect software interface. A red callout box highlights the NovAtel logo button in the top-left corner. The interface displays various GPS-related data and charts.

- GPS Status:**
  - GPS: 6/10
  - GLONASS: 8/8
  - SBAS: 0/0
- Constellation View:** A circular diagram showing satellite positions with PRN numbers (e.g., 56, 40, 10, 39, 7, 8, 38, 20, 19, 6, 58, 3, 23, 16, 48).
- Solution Status:** Computed
- Time:** Tue 27/07/2010 17:37:32GMT, Tue 27/07/2010 11:37:32Local
- Coordinates:** Lat. 51.11668967° +1.775m, Long. -114.03880059° +1.121m
- Carrier/Noise Ratio (C/N0):** A bar chart showing C/N0 for various PRNs. Legend: L1 C/A (blue), L2 P(Y) (purple), SBAS (green). Legend values: Good (>45), Average (>35), Poor (<35).
- Dilution of Precision (DOP):** A bar chart showing DOP values. Legend values: HDOP (0.651), PDOP (1.073), VDOP (0.853), TDOP (0.564), GDOP (1.336).
- Playback Controls:** Position 6094653, Rate 0 to 10.

- New "NovAtel" button for overall program control



- **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

The screenshot displays the NovAtel Connect software interface with a light color scheme. The interface is divided into several panels:

- Constellation Panel:** Shows a circular diagram of satellite constellations (GPS, GLONASS, SBAS) with various satellite IDs (e.g., 56, 40, 10, 39, 7, 8, 38, 20, 19, 3, 6, 58, 16, 48, 57, 47, 23) and elevation angles (30, 60). It includes a table for SV Details and Mask Angle Details.
- Position Window:** Displays real-time location data:

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: GPS (L1, L2, L5), GLO (L1, L2)

Solution status: Computed

Tue 27/07/2010 17:37:32GMT  
Tue 27/07/2010 11:37:32Local
- Plan Window:** Shows a 2D map view with a grid and a yellow location marker. Coordinates are: Lat. 51.11668967° +/- 1.775m, Long. -114.03880059° +/- 1.121m.
- GPS Tracking Channel Stat...:** A bar chart showing Carrier/Noise Ratio (C/N0) for various channels.
- Dilution Of Precision (DOP):** A bar chart showing DOP values for different constellations. Values include: SBAS (0.651), GPS (1.073), GLONASS (0.853), TDOP (0.564), GDOP (1.336).

A red callout box with yellow text reads: **• Light colour scheme**

At the bottom, there are playback controls, a position slider set to 6094653, and a rate slider set to 10. The status bar shows Tx and Rx indicators, a play button, 17% battery, and NA signal strength.

# Colour Schemes

The screenshot shows the NovAtel Connect software interface with a dark theme. The main window is titled "OEM6\_SP\_GPS\_GLO - Constellation" and displays a circular constellation diagram with satellite PRNs (1-32) and their signal strengths. The position window shows the following data:

Latitude	51.11668681°	+/-	1.82m
Longitude	-114.03880033°	+/-	1.12m
Hgt. (MSL)	1064.592m	+/-	2.72m
Solution type	Single		
Iono correction	Multi-frequency		
Advanced RTK status	N/A		
Solution age	0 second		
Differential age	0 second		
# of satellites	16		
Used in solution	GPS L1 L2 L5		
	GLO L1 L2		
Solution status	Computed		

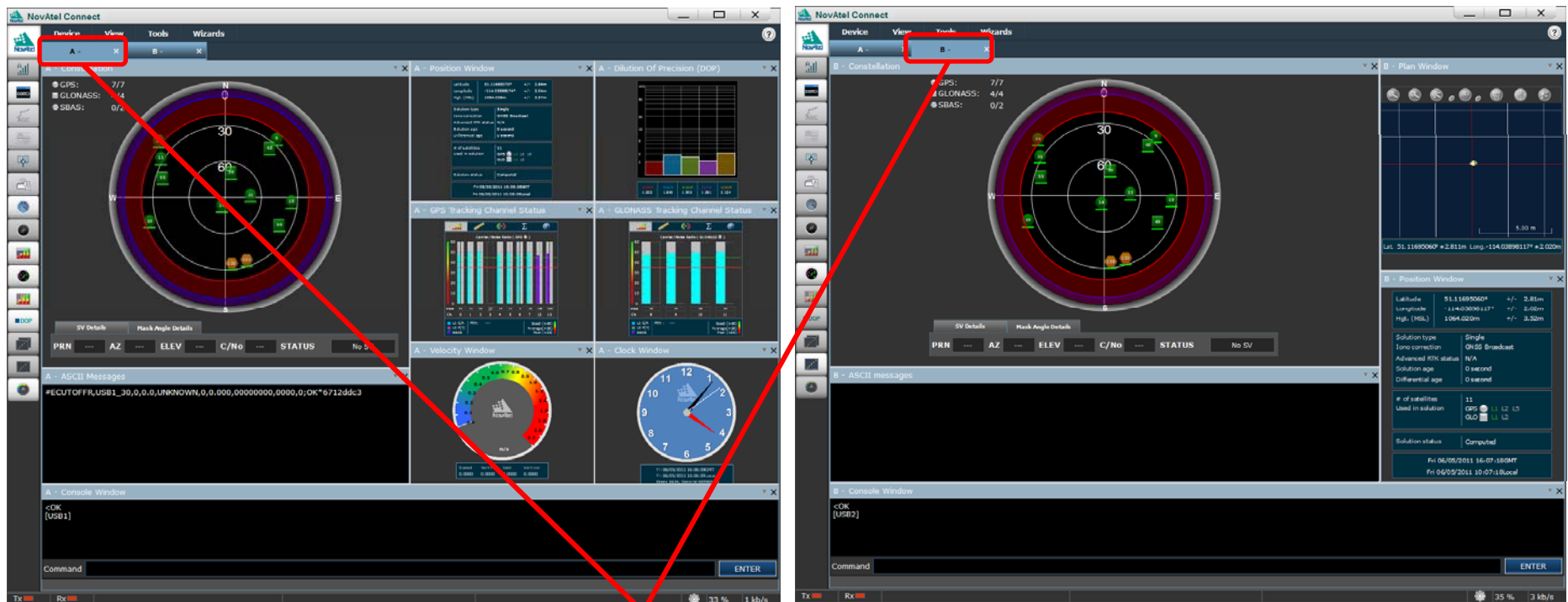
The plan window shows a 2D map with a 5.00 m scale bar. The GPS Tracking Channel Status window shows a bar chart of Carrier/Noise Ratio (GPS). The Dilution of Precision (DOP) window shows a bar chart with the following values:

VDOP	0.679
TDOP	1.167
GDOP	0.949
PDOP	0.627
GDOP	1.461

The interface also includes a playback control bar with a position slider set to 11044215 and a rate slider set to 10. A red callout box in the center contains the text: "• Dark colour scheme".

# Tabbed Connections

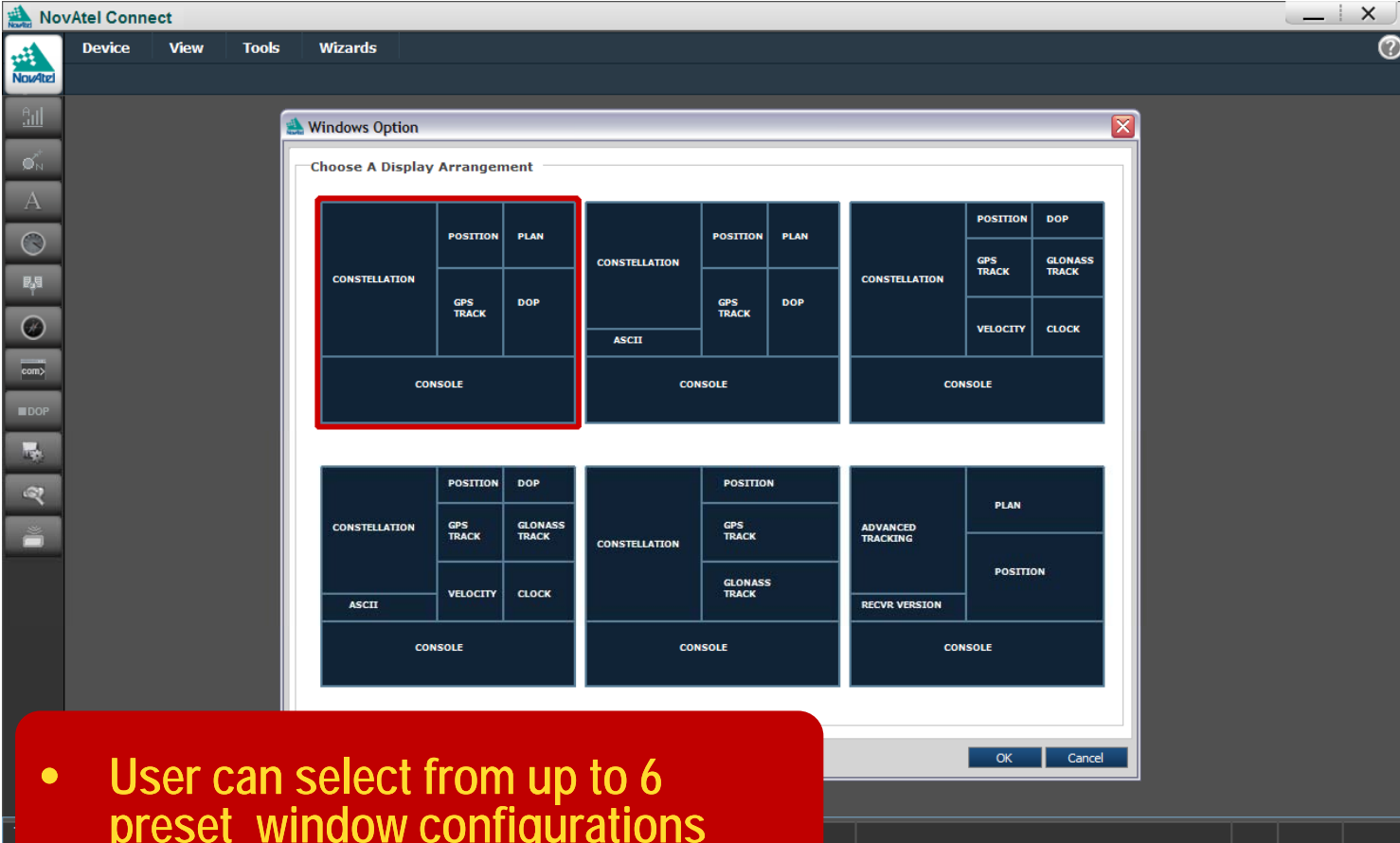
- **Individual connections are now arranged as tabs.**
  - Easier to switch between connections
  - All windows associated with connections are linked to the tab
  - Maximum 6 connections



- **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



The screenshot shows the NovAtel Connect software interface. A 'Windows Option' dialog box is open, titled 'Choose A Display Arrangement'. It displays six different window layouts for selection. The first layout, which is highlighted with a red border, consists of a main window divided into three columns: 'CONSTITUTION', 'POSITION', and 'PLAN'. The 'CONSTITUTION' column is further divided into 'CONSTITUTION' and 'ASCII'. The 'POSITION' column is divided into 'GPS TRACK' and 'DOP'. The 'PLAN' column is divided into 'DOP' and 'DOP'. Below these columns is a 'CONSOLE' area. The other five layouts show various combinations of these elements, including 'GLONASS TRACK', 'VELOCITY', 'CLOCK', 'ADVANCED TRACKING', and 'RECVR. VERSION'. At the bottom of the dialog box are 'OK' and 'Cancel' buttons.

- 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

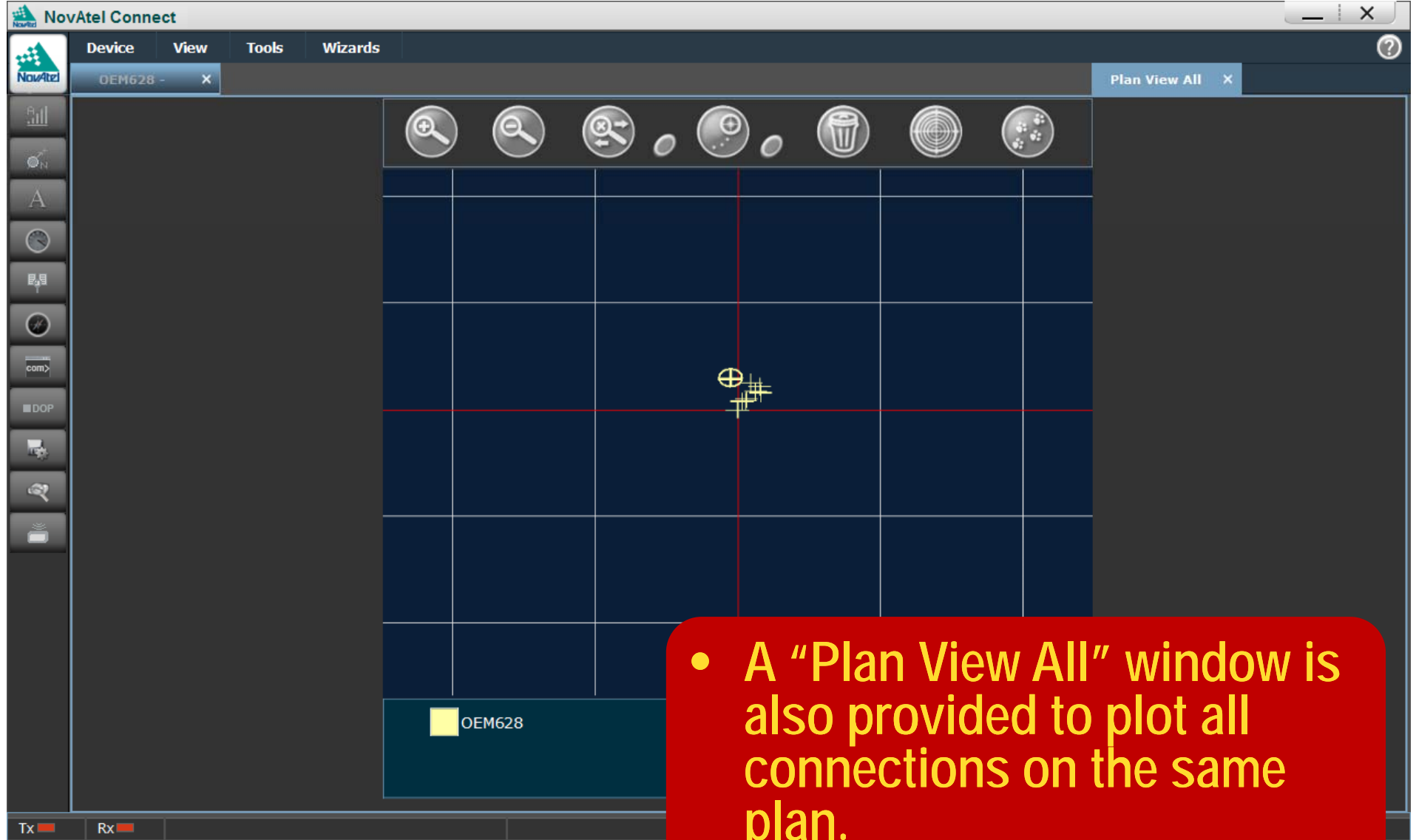
The screenshot displays the NovAtel Connect software interface for a GPS connection. The main window is titled 'OEM6\_SP\_GPS\_GLO - X'. It features several sub-windows:

- OEM6\_SP\_GPS\_GLO - Constellation:** Shows a circular constellation diagram with satellite PRNs 19, 20, and 38.
- OEM6\_SP\_GPS\_GLO - Position Window:** Displays position data: Latitude 51.11668681° +/- 1.82m, Longitude -114.03880033° +/- 1.12m, and Hgt. (MSL) 1064.592m +/- 2.72m.
- OEM6\_SP\_GPS\_GLO - Plan Window:** A 2D grid view of the position, highlighted with a red border and a red callout box. It shows a yellow crosshair at the center and a 5.00m scale bar. The coordinates are: Lat. 51.11668681° +/- 1.819m, Long. -114.03880033° +/- 1.120m.
- OEM6\_SP\_GPS\_GLO - Dilution Of Precision (DOP):** A bar chart showing DOP values for different satellite constellations.
- Carrier/Noise Ratio (GPS):** A bar chart showing C/N0 values for various PRNs.

A red callout box with yellow text states: "Each connection has its own plan view".

The interface also includes a 'Playback' button, 'Controls' (play, stop, etc.), 'Position' (11044215), and 'Rate' (0 to 10) sliders. The bottom status bar shows Tx and Rx indicators and a 'NA %' field.

# Individual and Plan View All Windows



The screenshot displays the NovAtel Connect software interface. The main window is titled 'Plan View All' and shows a dark blue grid with a red crosshair. A yellow square labeled 'OEM628' is visible in the bottom left corner of the grid. The interface includes a menu bar with 'Device', 'View', 'Tools', and 'Wizards'. A toolbar at the top of the grid contains icons for zooming, panning, and other navigation functions. A vertical toolbar on the left side contains various tool icons. The status bar at the bottom shows 'Tx' and 'Rx' indicators.

- 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

NovAtel Connect

Device View Tools Wizards

OEM628 - Constellation

OEM628 - Position Window

OEM628 - Plan Window

OEM628 - GPS Tracking Channel Status

OEM628 - Dilution Of Precision (DOP)

- Title bars have "Connect" colour scheme and docking icon

Latitude 51.11668490° +/- 1.45m  
Longitude -114.03880621° +/- 1.17m  
Hgt. (MSL) 1063.849m +/- 2.17m

Solution type Single  
Tone correction Multi-frequency  
Advanced RTK status N/A  
Solution age 0 second  
Differential age 0 second

# of satellites 18  
Used in solution GPS L1 L2 L5  
GLO L1 L2

Solution status Computed

Tue 27/07/2010 17:23:32GMT  
Tue 27/07/2010 11:23:32Local

Carrier/Noise Ratio (GPS)

PRN: ---

Good (>45)  
Average (>35)  
Poor (<35)

Position 144913

Rate 0 10

Tx Rx NA % NA

# Dynamic Windows Mode – Swapping Views

**NovAtel Connect**

Device: Receiver\_1 - OEMV1 -

**OEMV1 - Constellation**

- GPS: 6/6
- GLONASS: 4/4
- SBAS: 0/2

**OEMV1 - Position Window**

Latitude	51.11694541°	+/- 3.47m
Longitude	-114.03898123°	+/- 2.32m
Hgt. (MSL)	1064.126m	+/- 4.31m

Solution type: Single  
iono correction: GNSS Broadcast  
Advanced RTK status: N/A  
Solution age: 0 second  
Differential age: 0 second

# of satellites: 10  
Used in solution: GPS L1 L2 L5, GLO L1 L2

Solution status: Computed

Fri 06/05/2011 15:51:47 GMT  
Fri 06/05/2011 09:51:47 local

**OEMV1 - Velocity Window**

Speed: 0.0000 m/s  
North: 0.0000  
East: 0.0000  
Vertical: 0.0000

**OEMV1 - GPS Tracking Channel Status**

Carrier/Noise Ratio (GPS)

PRN	Ch.	C/N
11	1	55
22	2	55
19	3	55
14	4	55
9	5	55
18	6	55
133	7	55
138	8	55

Legend: L1 C/A (blue), L2 P(Y) (red), SBAS (purple). Legend: Good (>45), Average (>35), Poor (<30).

**OEMV1 - Compass Window**

Track Over Ground: 0.0000°  
Elevation: 0.0000°

**OEMV1 - Console Window**

<OK  
[USB2]

Command: \_\_\_\_\_ ENTER

Tx: \_\_\_\_\_ Rx: \_\_\_\_\_ 33% 31 kb/s

# Dynamic Windows Mode – Swapping Views

**Right click on window title bar**

**Position Window Data:**

Latitude	51.11694541°	+/-	3.47m
Longitude	-114.03898123°	+/-	2.32m
Hgt. (MSL)	1064.126m	+/-	0.31m
Solution type	Single		
Iono correction	GNSS Broadcast		
Advanced RTK status	N/A		
Solution age	0 second		
Differential age	0 second		
# of satellites	10		
Used in solution	GPS L1 L2 L5 GLO L1 L2		
Solution status	Computed		
Fri 06/05/2011 15:51:47 GMT			
Fri 06/05/2011 09:51:47 Local			

**GPS Tracking Channel Status Data:**

PRN	11	22	19	14	9	18	133	138
Ch.	0	1	2	3	4	5	6	7

**Console Window:**

```
<OK
[USB2]
```

Command:  ENTER

Tx ■ Rx ■ 33% 31 kb/s

# Dynamic Windows Mode – Swapping Views

The screenshot displays the NovAtel Connect software interface in Dynamic Windows Mode. The main window is titled "Receiver\_1 - OEMV1" and contains several sub-windows:

- OEMV1 - Constellation:** Shows a circular constellation diagram with satellite positions. A red callout box with the text "Select 'Clock'" points to the "Clock Window" option in the right-hand menu.
- OEMV1 - Position Window:** Displays position data:

Latitude	51.11694541°	+/-	3.47m
Longitude	-114.03898123°	+/-	2.32m
Hgt. (MSL)	1064.126m	+/-	4.31m

Solution type: Single  
iono correction: GNSS Broadcast  
Advanced RTK status: N/A  
Solution age: 0 second  
Differential age: 0 second

Satellites: 10  
Used in solution: GPS L1 L2 L5, GLO L1 L2  
Solution status: Computed

Fri 06/05/2011 15:51:47 GMT  
Fri 06/05/2011 09:51:47 local
- OEMV1 - Velocity Window:** Shows velocity data:

Track Over Ground	0.0000°
Elevation	0.0000°
- OEMV1 - GPS Tracking Channel Status:** A bar chart showing Carrier/Noise Ratio (GPS) for various PRNs. The chart has a y-axis from 0 to 60 and an x-axis with PRNs 11, 22, 19, 14, 9, 18, 133, 138. A legend indicates L1 C/A (blue), L2 P(Y) (red), and SBAS (green). A status indicator shows "Good (>45)", "Average (>35)", and "Poor (<30)".
- OEMV1 - Console Window:** Shows a command prompt with "<OK [USB2]" and a "Command" input field with an "ENTER" button.

The interface also includes a top menu bar (Device, View, Tools, Wizards), a left sidebar with various tool icons, and a bottom status bar showing Tx/Rx indicators, a settings icon, and data rate (33% / 31 kb/s).

# Dynamic Windows Mode – Swapping Views

NovAtel Connect

Receiver\_1 - x OEMV1 - x

OEMV1 - Constellation

- GPS: 6/6
- GLONASS: 4/4
- SBAS: 0/2

OEMV1 - Position Window

Latitude	51.11694842°	+/- 3.34m
Longitude	-114.03897812°	+/- 2.23m
Hgt. (MSL)	1064.401m	+/- 4.08m

Solution type: Single  
Iono correction: GNSS Broadcast  
Advanced RTK status: N/A  
Solution age: 0 second  
Differential age: 0 second

# of satellites: 10  
Used in solution: GPS L1 L2 L5, GLO L1 L2

Solution status: Computed

Fri 06/05/2011 15:56:34GMT  
Fri 06/05/2011 09:56:34Local  
Week 1034, Second 403334.00

OEMV1 - Clock Window

Fri 06/05/2011 15:56:34GMT  
Fri 06/05/2011 09:56:34Local  
Week 1034, Second 403334.00

OEMV1 - GPS Tracking Channel Status

Carrier/Noise Ratio (GPS)

PRN	Ch.	Ratio
11	1	50
22	2	50
19	3	50
14	4	50
9	5	50
18	6	50
133	7	50
138	8	50

OEMV1 - Compass Window

Track Over Ground: 0.0000°  
Elevation: 0.0000°

OEMV1 - Console Window

<OK [USB2]

Command: \_\_\_\_\_ ENTER

Tx Rx 40% 32 kb/s

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

**NovAtel Connect**

Device: OEM628 - X

View: Tools: Wizards

Plan View All

**OEM628 - Constellation**

- GPS: -- / --
- GLONASS: -- / --
- SBAS: -- / --

**OEM628 - Position Window**

Latitude	51.11668998°	+/-	1.78m
Longitude	-114.03880334°	+/-	1.14m
Hgt. (MSL)	1063.728m	+/-	2.60m

Solution type: Single  
Tone correction: Multi-frequency  
Advanced RTK status: N/A  
Solution age: 0 second  
Differential age: 0 second

# of satellites: 17  
Used in solution: GPS L1 L2 LS, GLO L1 L2

Solution status: Computed

Tue 27/07/2010 17:31:53GMT  
Tue 27/07/2010 11:31:53Local

**OEM628 - Plan Window**

Lat: 51.11668998° ±1.782m  
Long: -114.03880334° ±1.138m

**OEM628 - GPS Tracking Channel Status**

Carrier/Noise Ratio (GPS)

PRN	Ch	C/A	PV	SBAS	PRN	Ch	C/A	PV	SBAS
7	1				11	1			
8	2				12	1			
9	3				13	1			
10	4				14	1			
11	5				15	1			
12	6				16	1			
13	7				17	1			
14	8				18	1			
15	9								
16	10								
17	11								
18	12								
19	13								

Good (>45)  
Average (>35)  
Poor (<35)

**OEM628 - Dilution Of Precision (DOP)**

HDOP	PDOP	VDOP	TDOP	GDOP
0.697	1.162	0.930	0.647	1.466

PRN --- AZ --- ELEV --- C/No --- STATUS No SV

Playback Controls Position 3695413 Rate 0 10

Tx Rx NA % NA

- Title bars have "Windows" colour scheme
- Windows are undocked and floating

# Static Windows Mode

**NovAtel Connect**

Device: OEM628 - View: Tools: Wizards

OEM628 - Constellation

- GPS: -- / --
- GLONASS: -- / --
- SBAS: -- / --

OEM628 - Position Window

Latitude	51.11668993°
Longitude	-114.03880323°
Hgt. (MSL)	1063.736m
Solution type	Single
Iono correction	Multi-frequenc
Advanced RTK status	N/A
Solution age	0 second
Differential age	0 second
# of satellites	17
Used in solution	GPS L1 L2 GLO L1 L2
Solution status	Computed

Tue 27/07/2010 17:31:59GMT  
Tue 27/07/2010 11:31:59Local

OEM628 - Plan Window

OEM628 - Dilution Of Precision (DOP)

HDOP	PDOP	VDOP	TDOP	GDOP
0.697	1.162	0.930	0.647	1.466

Position: 3736893

Rate: 0 to 10

Tx: Rx

NA % NA

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

# Static Windows Mode

**NovAtel Connect**

Device: OEM628 - View: Tools: Wizards

Plan View All

### OEM628 - Constellation

● GPS: -- / --  
■ GLONASS: -- / --  
● SBAS: -- / --

N 0  
30  
60  
W E  
S

SV Details Mask Angle Details

PRN	AZ	ELEV	C/No	STATUS
No SV				

### OEM628 - Position Window

Latitude	51.11668993°
Longitude	-114.03880323°
Hgt. (MSL)	1063.736m
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	GPS L1 L2 GLO L1 L2
Solution status	Computed

Tue 27/07/2010 17:31:59GMT  
Tue 27/07/2010 11:31:59Local

### OEM628 - Plan Window

5.00 m

Lat. 51.11668993  
Long. -114.03880323

### OEM628 - Dilution Of Precision (DOP)

HDOP	PDOP	VDOP	TDOP	GDOP
0.697	1.162	0.930	0.647	1.466

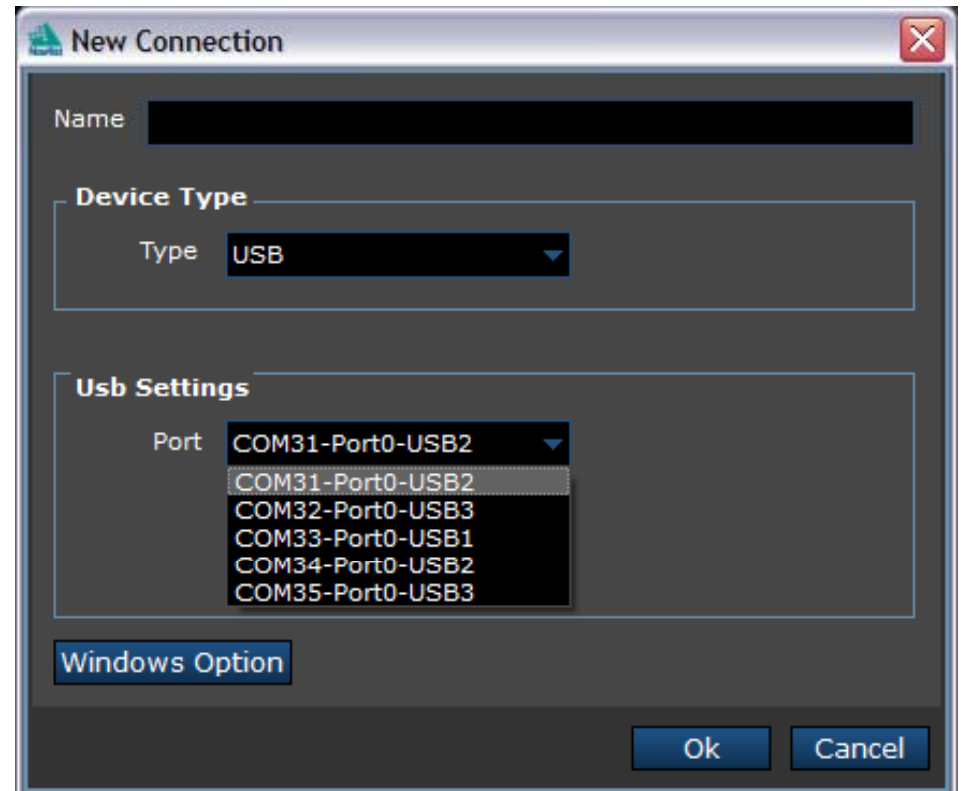
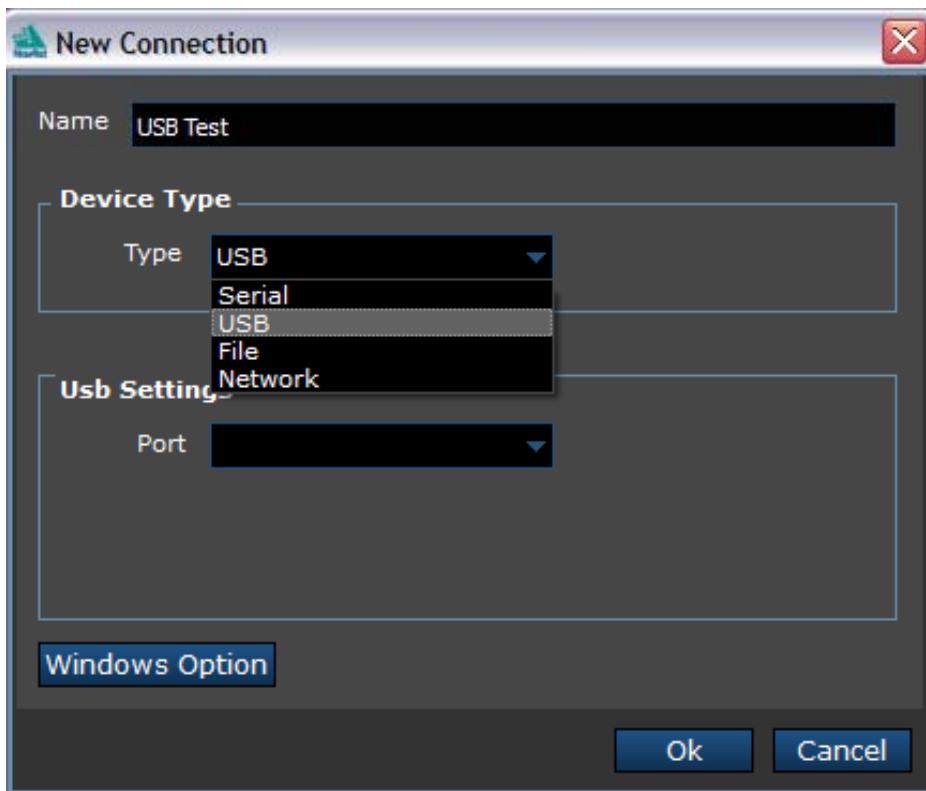
Position: 3736893

Rate: 0 to 10

Tx Rx NA % NA

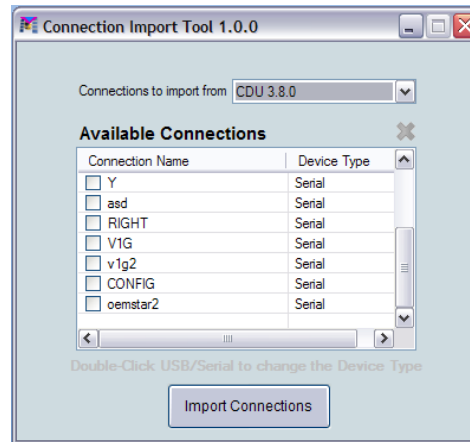
# USB Device Type

- 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!