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**Birst, Inc.**

45 Fremont Street 18th Floor
San Francisco, CA 94105
www.birst.com

**Content Note:** The information in this document may also exist in the Birst Online Help and represent a subset of that Help. In some cases a topic will include a link to another topic that is not included in this subset. Links to topics that are not in this document appear as plain text. To access those topics go to the Help and search for the relevant text.
Connect and Prepare Data in Pronto

Birst Connected Data Prep, also called Pronto, empowers business people to smartly access, prepare, and network data on their own.

Networking

Business users can share, connect to, and blend their data to organically build up data models, reports and dashboards. Additionally, Birst Admins can share centrally curated data with business users who can then connect to and blend their own personal data with the centrally curated data.

How do I access it?

The access to Networks is now available from the Pronto Home menu for creating networks and the Pronto Connect page for consuming shared networks.

Who would benefit from leveraging Pronto Networking?

Birst admins and business users looking for an easy way to use granular and flexible sharing of business definitions.

Business users collaboratively connecting to shared data within their department/enterprise with the capability to extend it with their personal data sets.

What can I do with Pronto Networking?

Searching and viewing networks: The following types of networks are shown in the Networking module and are personalized to the logged in user:
- Created Networks display the list of created networks in the space your logged into. Networks can be shared across an account.

- Connected Networks display the networks your space has made a connection.

- Available Networks display the list of networks the you have access to view and connect.

Use the Search box to retrieve the desired list of available Networks.
Sharing columns via a network: Pick Measures, Attributes, Custom Groupings, and Saved Expressions from a subject area and drag & drop to form the definition of the shared columns in the network. You can also drag and drop an entire subject area.

Sharing a network: Networks can be shared either "private" with specific users or "public" with all users in the account. When sharing privately, make sure the users already have Pronto access.

Exploring and Connecting to networks: View available networks and additional information (name, origin space, created by, updated by, # projects imported into, # users connected to the network, description).
After exploring networks, connect to the network of your choice with a single click. Connecting to a network makes it available in the Relate.

**Blending with networks:** Connected networks display in Pronto Relate categorized by the network name and broken into the dimensions/measures within it for easy data modeling. Networks can be blended by creating relationships between local dimensions and connected dimensions. The Network shared measures and attributes are magnified in this image.
**Reporting on connected networks**: Connected networks display as custom subject areas in Visualizer for logically accessing the shared columns and for personalized end user reporting.

<table>
<thead>
<tr>
<th>Subject Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Default Subject Area</td>
</tr>
<tr>
<td>Google Analytics Net</td>
</tr>
</tbody>
</table>

**Pronto Networking Workflow**

Business users can share, connect to, and blend their data to build up data models, reports and dashboards. Additionally, Birst Admins can share centrally curated data with business users who can then connect to and blend their own personal data with the centrally curated data.

**Note**: A Pronto space cannot re-share a connected Network that has been made available from another Space.
To expand, Networks can only include attributes, measures, and expressions defined in your personal space. You cannot include the time series, re-share attributes, measures, or expressions made available from a Connected Network that your space is consuming.

You create Networks for sharing by using the Pronto Home menu Network feature:

Name the Network you are creating:
Select the Measures and Attributes that you want to share and make it available to other users. Sharing a Network Publicly makes it available to all users within the Birst account.

You consume (import) Networks using the Connect Network feature:
Analysts can search and connect to Networks that have been shared with them.
**Note:** You can create Networks for both Pronto and ADR spaces. Before consuming Networks, ADR spaces should be converted to the new Pronto metadata structure.

Networked data can be related to your Pronto space:

**Note:** Birst displays the various type of sources in different colors when viewing on the Relate page. Any consumed Networked sources display in Purple (lilac) with a container around the sources. The container uses the name that was given when the Network was created and shared.
To make it easier to identify the types of source you are relating, Pronto provides a color code scheme.

- Network sources display in purple (lilac)
- Raw sources (not prepared) display as blue
- Prepared sources display as turquoise
- Live Access sources display as marigold
Pronto Network Example

We have two spaces, a Sales space containing information about sales, leads, opportunities, contacts, and campaigns. Another space from Google Analytics that contains the sum of unique web page views based on campaigns.

Rather than importing the data based on the Google Analytics into the Sales space, we can instead make use of packages or Network BI to correlate the campaign's effectiveness on Sales based on the web page traffic recorded by Google Analytics.

We'll start by making the Google Analytics (GA) Network available to our Sales space as follows:
After sharing the Network, we open the space where we want to connect (consume) the shared Network data and create a relationship (Relate) upon that we can then build reports.

Our two spaces are now connected via the network we just created and shared. We can now build a report to determine which campaigns were most effective based on the number of page views captured by our Google Analytics space.
FAQs

**Q** How do I create Networks?

**A** Creating networks: Networks can be created for both ADR and Pronto spaces/projects by using the Networking module when you select a space. In both the cases, the user must be logged into the Birst 6 environment. Please reach out to your CSM if you have questions regarding access to Pronto Networking as this capability is not yet available in 5.27 via login.birst.com.

**Q** Can I create Networks from original ADR based spaces?

**A** Creating networks from ADR spaces: Convert an ADR space to the new metadata infrastructure before using Pronto networking. This can be done once the account has been provisioned for the feature by going to Manage Space > Modify Properties and enabling "Convert space to new metadata infrastructure". See Convert Classic ADR Space to Pronto Spaces for more details on this process.

**Q** Can I re-share a network (its attributes, measures, saved expression, custom groups) that have already been shared with my space?

**A** Re-sharing networks: Columns from imported networks cannot be re-shared. They currently do display in the subject areas panel while creating a new network and will be hidden in an upcoming
release. **Note:** A Pronto space cannot re-share a connected Network that has been made available from another Space. To expand, Networks can only include attributes, measures, and expressions defined in your personal space. You **cannot** include the time series, re-share attributes, measures, expressions or custom groups made available from a Connected Network that your space is consuming.

**Q** Can my existing MDM (managed data mashup) packages in my ADR space be connected to and used as a network?

**A** While sharing from an existing ADR space, the networks need to be recreated using the subject area like interface. Existing MDM packages are not automatically migrated as Pronto networks provide a degree of flexibility and granular sharing that existing MDM packages do not afford.

**Q** Why do you see a collision detected error message?

**A** A Collision was detected by Birst while connecting to a network. Matching columns from two different spaces are not allowed. Either remove the conflicting column from your current space or from the shared Network.