

# Working with Cross-sections

The **View interface** in VoxelSpace allows users to perform real-time cross-section operations across spatial datasets. This tool is ideal for analyzing subsurface structures, internal geometries, or layered data distributions.

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## Accessing Cross-Section Tools

1. While viewing a dataset, open the **Viewer Tools panel**.
2. Click on the **“Cross-section”** option to activate the cross-section controls.

image.png

## Selecting Cross-Section Types

Once the tool is enabled, you can choose from various **cross-section types** to define how the cut will interact with the 3D scene. These options typically include:

- **Single plane** - Cuts through the model along one axis
- **Box clip** - Isolates a defined volume within a bounding box
- **Axis-aligned slices** - Slices perpendicular to X, Y, or Z for sectional analysis
- *(Insert specific options from UI if applicable)*

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Cross-sections can be adjusted in real time—move, rotate, or scale the clipping planes to refine your view and focus on specific features of interest.

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