

# Connectivity

We live in a connected world, where vertical data-silos unfortunately are still much to frequent.

With our PMA.vue and PMA.studio products, we want to help you integrate disparate information sources, and bring them together in a single harmonized interface.

## PMA.vue

With PMA.vue, you can integrate virtual slides ([find out what makes these data so unique from other imaging data](#) from [any number of slide scanners](#) into a single user interface.

You get tree-based navigation on top of your slide repositories (organized through a single PMA.core back-end [tile server](#)).

Not only can you connect to data within your own organization, PMA.vue also makes it easy to reach out to external parties and connect other to *you* in return. PMA.vue offers many sharing features, and comes with built-in snapshot capabilities to prepare manuscripts and other publications.

## PMA.studio

PMA.studio adds connectivity where PMA.vue stops.

PMA.studio allows interaction with multiple PMA.core tile servers simultaneously (as well as [PMA.start](#) and [My Pathomation](#)).

Meta-data is important to describe and annotate data. When configured properly in PMA.core, PMA.studio visualizes these accordingly and can be used as a front-end for interactive data capture from end-users.

Speaking of annotations: with PMA.studio you have the option to integrate data-layers and overlays from different image analysis suites. You can [run a proprietary plugin in QuPath](#) and [another one in Fiji](#), and then visualize both results in PMA.studio to assess the conditions which implementation is best suited for what conditions.

## Compare PMA.vue and PMA.studio

The following table compares connectivity provisions between PMA.vue and PMA.studio:

| Connectivity | Functionality                          | PMA.vue | PMA.studio |
|--------------|--|---------|------------|
| Incoming     | slides stored on server                | Yes     | Yes        |
|              | slides stored on network drive         | Yes     | Yes        |
|              | slides stored on S3 storage            | Yes     | Yes        |
|              | slides stored in <a href="#">Azure</a> | Yes     | Yes        |
|              | slides stored on FTP                   | Yes     | Yes        |
|              | slides stored local HDD                | -       | Yes        |

| Connectivity            | Functionality                                   | PMA.vue | PMA.studio |
|-------------------------|---|---------|------------|
|                         | slides stored in <a href="#">My Pathomation</a> | -       | Yes        |
|                         | Annotations                                     | -       | Yes        |
| Layout and presentation | Pre-configured grids                            | Yes     | Yes        |
|                         | Tab-based viewport organization                 | Yes     | Yes        |
|                         | Aribtrary grid sizes                            | -       | Yes        |
| Outgoing                | Share live links to a folder                    | Yes     | Yes        |
|                         | Share live links to a slide                     | Yes     | Yes        |
|                         | Share live links to regions of interest         | Yes     | Yes        |
|                         | Share live links to grid                        | Yes     | Yes        |
|                         | Snapshot creation                               | Yes     | Yes        |
|                         | Annotations                                     | -       | Yes        |

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