

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 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 Azure | Yes | Yes |
| | slides stored on FTP | Yes | Yes |
| | slides stored local HDD | - | Yes |

| Connectivity | Functionality | PMA.vue | PMA.studio |
|-------------------------|-------------------------------------------------|---------|------------|
| | slides stored in My Pathomation | - | 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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