

# 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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