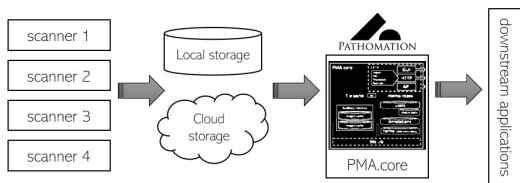




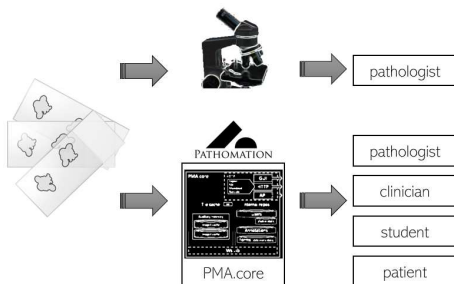
# PMA.core

PMA.core is the central component in Pathomation’s software platform. It enables the distribution of virtual slides and digital pathology content across networks, regardless of their origin or where they are stored.



## Reach more people

Physical slides typically only reach a limited number of people. Once you digitize your slides, you can share them with many people.



More people looking at your observations means more knowledge distribution in a classroom setting, and better consensus creation around difficult patient cases.

## A digital rosetta stone

With PMA.core, you can combine imaging data from any number of image acquisition platforms, whether they register brightfield, fluorescence, z-stacks, or time series.

Supported file formats include: .afi, .btf, .cws, .czi, .dcm, .dzi, .isyntax, .jp2, .jpeg, .jpg, .jxr, .kfb, .lif, .lsm, .mds, .mrxs, .nd2, .ndpi, .ndpis, .ome.tif, .png, .qptiff, .rts, .scn, .svs, .svslide, .sws, .zi, .tf2, .tf8, .tif, .tiff, .tmap, .vms, .si, .xml, .zif, .zvi.

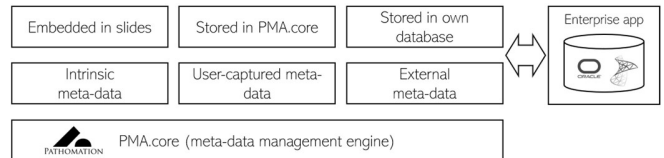
## More than just image management

While an image says more than a thousand words, a slide at the end of the day still only consists of pixels. Slide annotations are critical in all applications of microscopy. PMA.core assists in this manner by supporting form-based data capture and linking to external databases.

1 20X.kfb

- Width: 40020
- Height: 32936
- Zoom levels: 7
- File Format: KFBIO
- Compression: JPEG
- Time frames: 1
- Z Levels: 1
- Channels: 1
- Micrometers Per Pixel: 0.468

WIP url	user	Date	Other Case Specific Information
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:56:41	Normal Diabetes?
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:56:54	Good case
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:56:12	Minimal adiposity; Good case
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:56:31	Good Case
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:56:53	Normal Diabetes
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:57:28	CAD: Diabetes Intests
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:57:39	Early analysis
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:57:57	Good Case
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:58:09	Good case
https://pma001.kfb_E8-47680100_0301	SG28	11/17/2015 5:58:29	Early analysis



You also get the possibility to make visual annotations on top of slides. Finally, the environment supports many image analysis platforms, including ImageJ, Visiopharm, and HALO.

## Unprecedented downstream connectivity

Use PMA.core as leverage to expand your existing infrastructure, be it a CMS, LMS, or IA setup. Out of the box, we already support Cancas, Moodle, Fiji, ImageJ, QuPath, Pydio, and WordPress.

Need even more customization? Build your own virtual slide ecosystem around our SDKs and API. Platforms offered include Python, PHP, Java, and JavaScript.

## Unique features

Comprehensive support for all popular slide scanners. Support for cloud-storage, Azure BLOBs and S3 buckets. Plugins included for a wide range of CMS, LMS, and IA. Fully programmable through own API and SDKs. Wide support for slide meta-data and annotations. Designed with geo-replication in mind. 21 cfr.11 compliant, GAMP5 validated.