



Holospital

Zero footprint medical collaboration in 3D

Industry Situation



Challenges

Collaboration for a doctor with imaging and diagnostic departments is complicated for numerous reasons.

- All personnel need to be available at the same time
- Everyone must download the relevant medical images
- Visualization requires specialized software and a computer capable of running it
- How the image is displayed is highly dependent on the visualization settings, syncing these between different software solutions is difficult



Ideal Solution

Ideally when a medical professional is contacted for an opinion, he or she would

- Not need to download any data
- Not need to install any software
- See the image exactly how other collaborating partners do
- Annotate the images in the same platform while sharing said annotations in real time with everyone



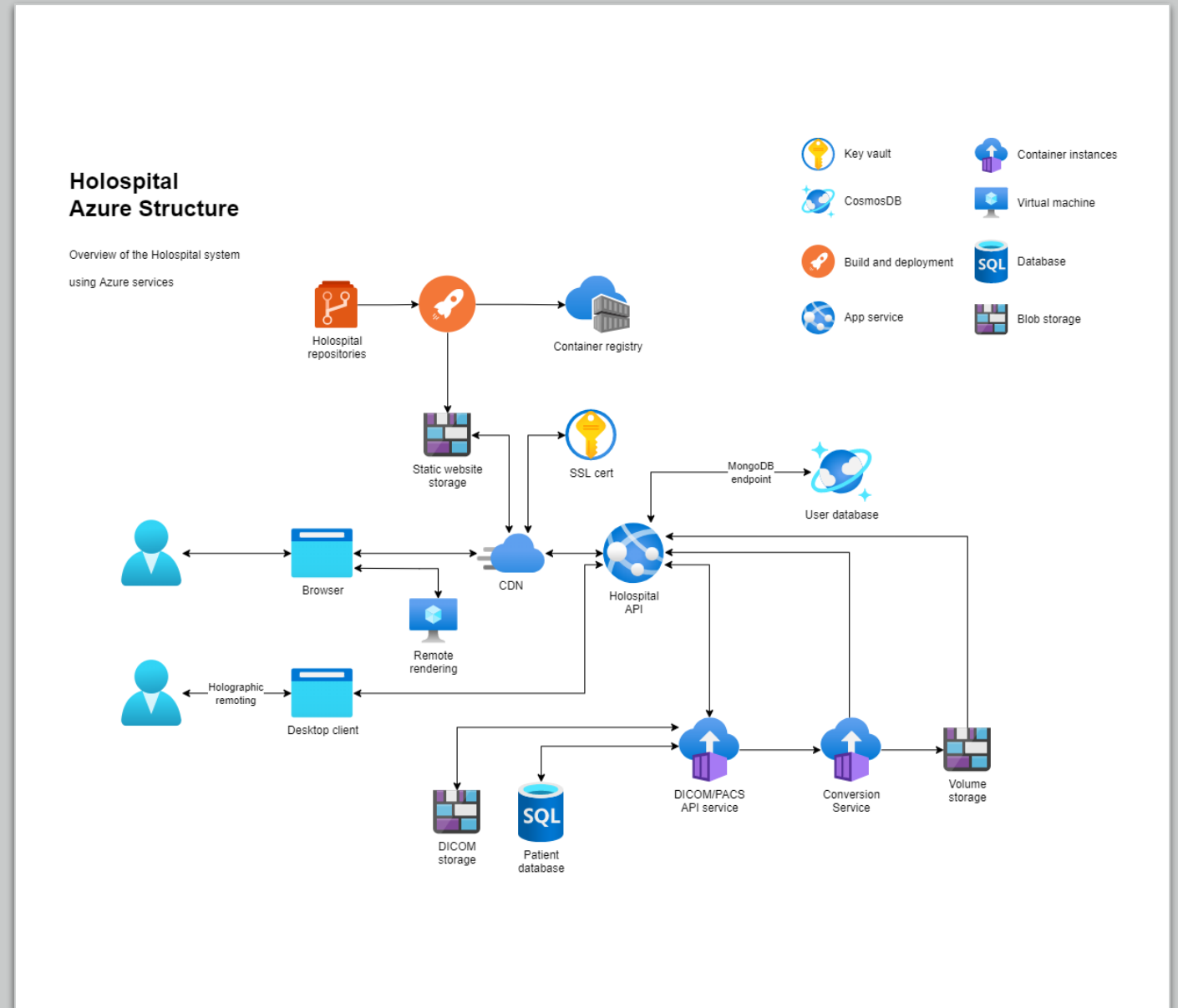
Desired Outcomes

Hospital creates an ecosystem that integrates well with already deployed systems (e.g., PACS servers) and provides a frictionless way to collaborate on the data. Our system replaces the sharing of files much like Office365 replaced e-mail attached documents with real time collaboration.



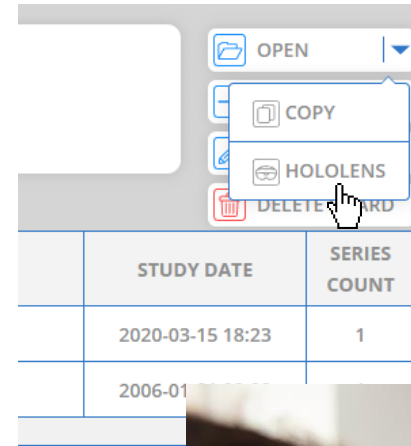
Holospital platform + Microsoft Azure

- Quick and efficient sharing of medical images has the potential to save lives
- Running the HoloLens platform on Azure infrastructure makes its collaboration capabilities available everywhere in the world
- Patients and hospital managers can rest assured that their data is stored securely



Holospital platform + Microsoft HoloLens

- Having a spatial understanding of 3D medical images is a game changer for surgeons
- HoloLens is a first-class citizen in the Holospital ecosystem, users can display annotated images in mixed reality with a single click.



Holospital platform + Azure AD B2C

- Creating account at every institute where a doctor needs access to images is a hassle.
- Thanks to Azure AD B2C medical professionals only need to register in the Holospital ecosystem once, and they can use their existing company account to do so.
- User authorization is handled on a per institute basis, meaning a given user can have different privileges at different institutes.

