

Development of **DAQ Software** for **CULTASK** experiment

Highlight Slides

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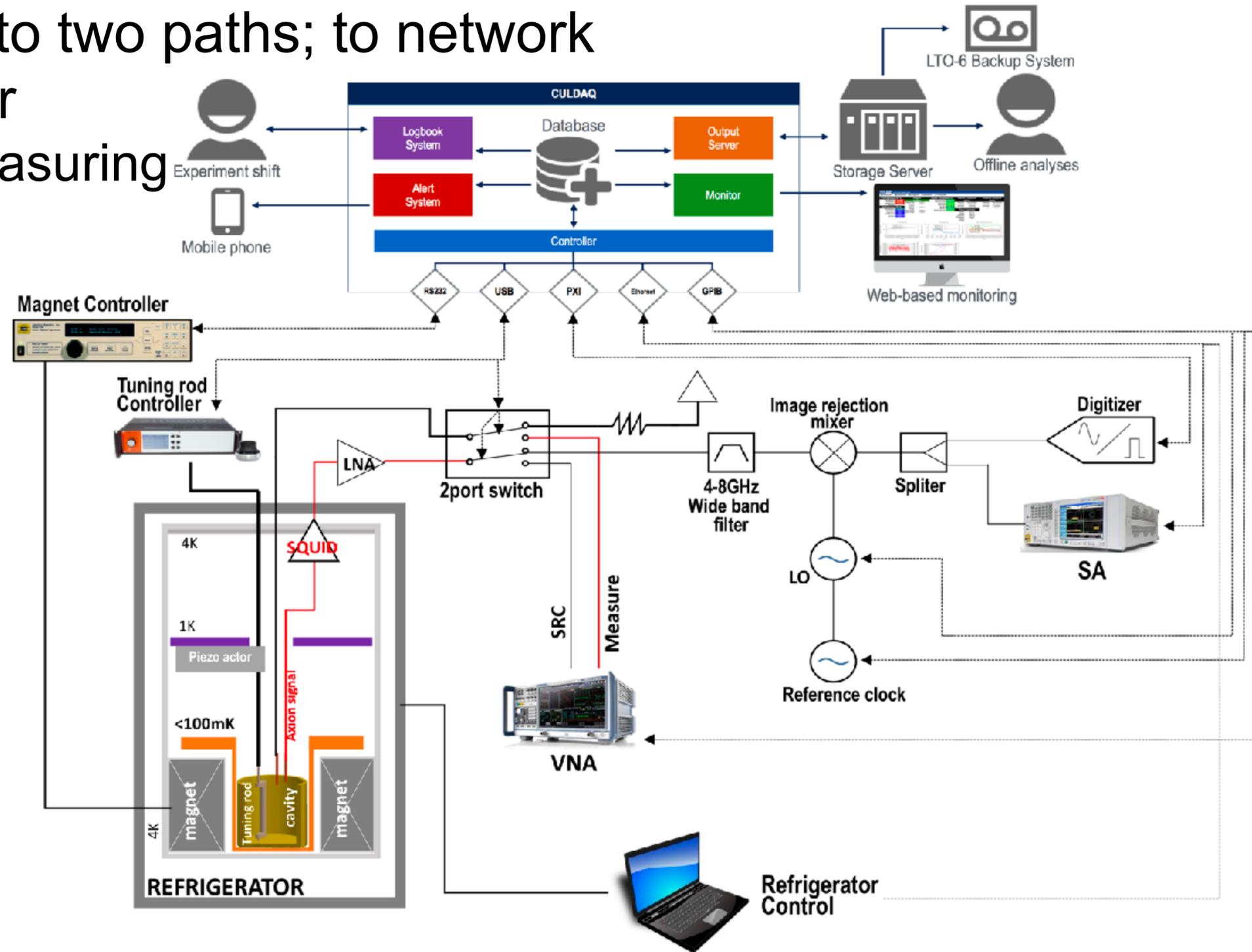
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CULTASK Experiment

- Microwave cavity is connected to two paths; to network analyzer and spectrum analyzer
 - Network analyzer is used for measuring the cavity performance
 - Spectrum analyzer takes the real data
 - Two paths are switched with mechanical RF switch
 - Tuning rod is rotated by Piezo actuator
- Dilution refrigerator cools down the cavity to $\sim O(10)$ mK
- 8T magnet is installed



CULDAQ: Design

