What we offer	Mixed Reality (MR)
- Remote assistance using handsfree head mounted device - Data interface from Process Control System, Safety Instrumented System and Plant Information System - Customization of digital resources - Audio and video communication channel in intrinsically safe required environment	Mixed reality is another form of immersive technology. It harmonizes the physical real world with the virtual world to produce a whole new environment where users can have interaction between physical and digital objects. MR is often deemed as the hybrid of VR and AR, resulting in a spectrum of variations and compositions or real and virtual objects.

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Yokogawa Mixed Reality
Field/Remote Assistance
Training Solutions

Benefits of Mixed Reality

- Launch video meeting with remote subject matter expert to resolve site problems.

- Online digital resources can be referenced for site jobs.

- Real time systems data display on field equipment.

- Field work competencies can be developed and trained by subject matter experts remotely.

- Improvement on operational ROI by logistic cost reduction and increase productivity by reducing troubleshooting time.

- Call out on demand information such as maintenance schedules, servicing historian data, service instructions, etc

VR and AR OTS Applications

- Production Operations:

  - Perform plant/unit start-up and shut-down operations using digitized standard operating procedures.

  - Handsfree communication with control room during plant/ unit operations.

- Routine/Emergency Maintenance:

  - View work orders, permits and maintenance records, as well as taking photos/videos for reporting.

  - Expertise guidance from system/equipment vendors or company headquarters.

- Safety Management:

  - Safety alerts in unsafe areas.

  - Personnel tracking and man down detection.

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