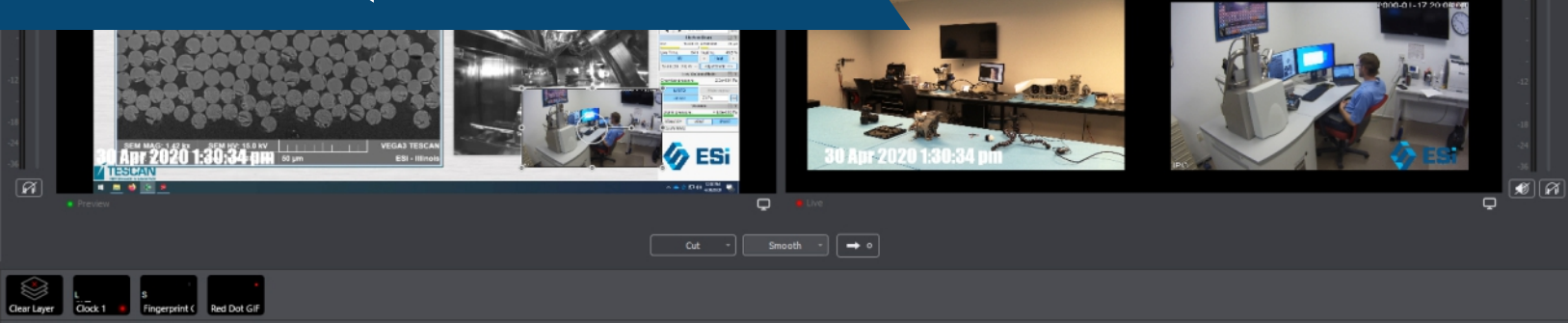




Live Inspection & Virtual Examination



ABOUT ESI

Engineering Systems Inc. (ESI) is an engineering and scientific investigation and analysis firm committed to providing clear answers to the most challenging technical problems. Our technical expertise, practical experience, technological resources, and extensive diagnostic, analytical, and physical testing capabilities empower us to provide our clients with the most comprehensive and efficient solutions across dozens of industries.

REMOTE INSPECTION CAPABILITIES

ESI has extensive diagnostic, analytical and physical testing capabilities that allow us to evaluate and test materials, systems and components, from small scale to large scale and facilities designed for hosting and broadcasting multi-party inspections. These facilities are equipped with well-lit inspection areas and documentation tools for in person, online, or recorded inspections. With the tools and technologies that are available today, remote access to an inspection is an excellent alternative when travel options are limited. By providing firsthand views and two way communications, remotely accessing an inspection enables distant users to participate in the event. Once the onsite work is complete, post inspection data analysis sessions can also be conducted remotely, enabling efficient collaboration while minimizing the need for travel.

BENEFITS

- Efficient, saves travel time
- High resolution photography from cameras, microscopes and SEM available in real time
- Live streaming field inspections
- Multi-user virtual reality
- Post-inspection analysis
- Recordings can be viewed on-demand
- Safety is easily maintained
- Unique views from multiple camera angles



REMOTE INSPECTION SERVICES

- Alloy Identification
- Chemical Analysis
- Corrosion Testing
- Computed Tomography (CT)
- Destructive Testing
- Drone Live Streaming
- Failure Analysis
- Field Inspections
- Impact Testing (Charpy)
- Materials Testing
- Microscopy
- Non-Destructive Testing
- Pressure Testing
- Tensile, Compression, Torsion, Shear and Bend Testing
- Vehicle Inspections
- Virtual Reality Screen Sharing
- Weld Testing (ASME, AWS)
- X-Ray with Digital Image Analysis



www.engsys.com

Contact ESI

To learn more about our remote inspection services, please contact Charles A. Fox at (515) 509-2920, or send an email to cafox@engsys.com.