Aptima’s Human-System Performance Assessment solutions enable rich, timely evaluations in complex, system-based work environments. Our solutions:
- **Sense** human operators at work
- **Assess** the interaction between humans and technology
- **Augment** interactions through advanced system design

Aptima’s unique blend of tools, technologies, and services offers a powerful, generalizable way to optimize human-system performance.

**Flexible Research Tools**
- Extensible plug-in architecture accommodates a range of sensors, simulators, and data sources
- User-friendly configuration meets customized research objectives
- Real-time data acquisition and visualization for integrated user dashboard monitoring
- Data export and playback functionality integrates with commercial data analytic software packages to support post-hoc analysis

**Advanced Assessment Technologies**
- Aptima’s A-Measure® real-time performance measurement technology provides precise, timely assessments of both automated and human decision making, enabling performance-enhancing augmentation
- Advanced computational modeling techniques accurately evaluate the “hard to measure” aspects of humans and technologies
- Multi-modal data sources—system- and observer-based, physiological, and behavioral—provide a complete picture of human-system interaction

**Technology Evaluation Services**
- World-class performance measurement expertise for human factors system design
- Domain-adaptable methodologies for work environments across a broad range of scope and complexity
- Scalable, efficient technical approach provides value to all phases of the technology development lifecycle for enhanced human-centered systems

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