ATS | Crew Atlas
Electronic Crew Notebook

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Raising Crew Performance

Applied Technical Systems' Crew Atlas platform provides tools and metrics to help plants monitor, measure, manage, and improve crew performance.

Cost Savings:

- Plants can substantially reduce costs associated with Initial License and Requalification Training by using ATS' Crew Atlas software to identify and target weak areas, raise performance, and reduce/eliminate exam failures.

- To comply with NRC Initial License Requirements, plants must initially train operators for a license (10 C.F.R. 50.120).

- It costs a plant approximately $500K to initially train and license each control room operator.

- At one plant, two (2) operators failed their Initial License Exams, a lost investment of $1M.

- Licensed Operators must also re-qualify for their licenses annually, resulting in additional monetary and administrative costs (e.g. increased training and instructor man-hours).

"Best Practice" Technology

- ATS' Crew Atlas platform is recognized as an "industry-leading best practice" by the Institute of Nuclear Power Operations (INPO), which establishes performance objectives, criteria, and guidelines for the nuclear power industry.

Public Protection

- ATS' Crew Atlas platform allows a station to specifically target and improve operator performance to eliminate or significantly reduce the severity of potential disasters.

- Crew Atlas provides ongoing, mobile, and real time monitoring of performance and potential gaps to excellence.

Key Features

Fully Automated Crew Critique Process - Lowers instructor man-hours by leveraging technology to provide detailed metrics and graded reports

Single, Central Performance Repository - Eliminates multiple, redundant, and outdated network files and stove-piped databases by tracking all aspects of individual and crew performance in one, easily accessible location

Dashboards - Provides managers with meaningful insight into individual, crew, and fleet performance levels through interactive and dynamic reporting

Risk Mitigation - Allows managers to generate "track and trend" action plans to correct specific performance deficiencies

Mobile -Accessible from any device (e.g. desktop, laptop, tablet, smartphone)

Crew Atlas is Delivered Through a Secure, Software-as-a-Service (SaaS) Subscription That Includes All Software Updates and Maintenance

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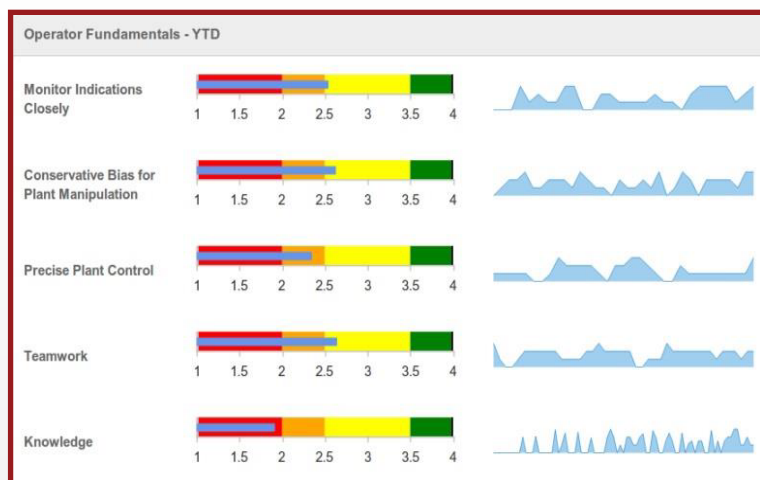Alexandria, VA • Boston, MA • Crane, IN • San Diego, CA • Silverdale, WA • Suffolk, VA

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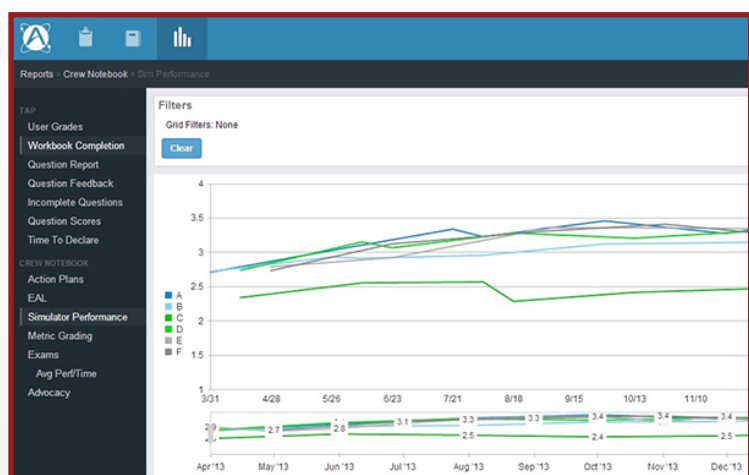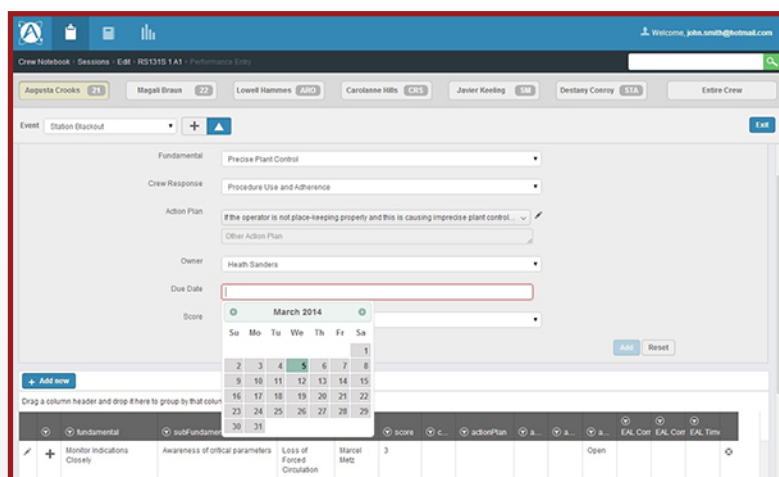
Crew Atlas Key Features

ATS

Interactive Reporting and Dynamic Dashboards to provide meaningful insight into Operations and Training Program health, including:

- **Metrics Driven by the INPO Operator Fundamentals** broken down into sub-categories

- **Written Exam Performance** displayed alongside simulator and in-plant performance

- **High Level Views** developed for a Shift Manager to view an individual crew, Operations Director to view an entire site population, and a Fleet Director to assess crew health across an entire fleet

Secure, Hosted Solution to support a variety of training areas, including:

- **Evaluated Simulator Scenarios** - Facilitates the crew critique process

- **Training Simulator Scenarios** - Captures plus/delta comments in order to establish trends

- **Job Performance Measures (JPM) Entry** - Assesses JPM performance as it relates to an operator, a group, and/or a crew

- **Emergency Action Level (EAL) Workbooks** - Assesses knowledge, scrubs E-Plan procedures and bases, and focuses future training efforts

- **Interactive Reporting** - Instantly view operator progress, action plans, and operator fundamental metrics, eliminating administrative delay time. Go a step further, and identify through trends which areas to target for additional training.

- **Quickly and Easily Analyze** your crew's performance from a variety of perspectives, while improving your training team's ability to deliver a highly qualified, ready crew that improves plant performance.

Contact ATS Today to Discuss How These and Other Data-to-Decision Applications Improve Operational Efficiency and Customer Performance.