JANSON

MOVING YOU FORWARD

AN EDUCATIONAL ASCENT THROUGH E-LEARNING

2024

White Paper highlighting JANSON's 360 Digital Experiences

Is your organization still handing out printed curricula or dreaded death-by- PowerPoint presentations for your training programs?

Are your users traveling geographically to see your facilities or your production capabilities and product lines?

NEW CHALLENGES FOR CORPORATE TRAINERS

The speed of change, the demands of the modern world, the complexities of technology represent Sisyphean challenges for corporate trainers today. How can any instructional program keep up with the doubling of human knowledge every year on average and much faster in fields like artificial intelligence, nano-technology, and robotics?

Not to mention the increasing logistical challenges.

Some training programs must reach employees on a large scale who may be in disparate locations with different time zones and different educational qualifications. Trainees may be expected to work in collaboration with colleagues halfway around the world.

The material they need to learn is ever more sophisticated and may require constant updating. The stakes seem higher than ever.

ADVANTAGES OF DIGITAL INSTRUCTION

Take the case of a JANSON client with responsibility for training 8,000 new aviation mechanics every year.

The employees are widely scattered, the information they need to learn is complex and everchanging, and the consequences of inadequate training can be measured in life-and-death terms.

But while challenges like these are demanding, the solutions have kept pace. E-learning, i.e., the development and delivery of information through digital resources, can address many of the problems of training in the 21st century.

Digital channels have made learning through involvement much easier, among many other advantages.

The most effective solutions follow time-tested guidelines, such as those observed by Benjamin Franklin almost 300 years ago: "Tell me and I forget. Teach me and I remember. Involve me and I learn."

These solutions include:

1. INTERACTIVITY

Interactive elements like virtual reality simulations, quizzes, and games make digital learning engaging and immersive. Ben Franklin would approve wholeheartedly, because he knew – long before the Internet of Things – that involvement in learning leads to higher levels of knowledge retention as well as elevated student motivation. The training of an aviation mechanic may incorporate interactive 3D models, step-by-step AR (augmented reality) overlays, and real-time support from experts thousands of miles away.

2. INCREASED ACCESSIBILITY

This is a huge benefit for organizations with locations scattered far and wide. Digital instruction means that students can access training modules from anywhere, as long as they have an Internet connection. They don't have to travel to a training center; they don't have to travel to an office. They can access digital courses 24/7, often on their preferred devices, offering greater flexibility for busy schedules and work-life balance.

3. SCALABILITY

An online training program can accommodate 10, 100, or 1000 students or more simultaneously without incremental costs (though what the client pays will depend on the price structure of the provider). As employee numbers increase, organizations can scale training programs to accommodate them without having to allocate significant additional resources.

4. COST EFFECTIVENESS AND TIMELINESS

Additional cost savings result from the elimination of expenses tied to traditional classroom instruction -- travel costs, venue rentals, instructor salaries, and printed materials. Updating can be done in real time and at very low cost, reflecting the latest technology developments, revised industry standards, new regulations, and updated best practices.

ADVANTAGES OF DIGITAL INSTRUCTION

5. PERSONALIZATION

Almost by definition, a digital learning experience is personalized, allowing each student to absorb material at his or her own pace based on needs, preferences, and skill levels. Training is more effective because it is calibrated to individual learning abilities. Self-paced learning modules enable students to reread, review, or skip modules as appropriate, in accordance with abilities and schedules.

6. EXPANDED RESOURCE ACCESS

Digital learning platforms provide on-demand access to a wide range of resources, including videos, articles, and online forums. These enrichments enable employees to deepen their understanding of and involvement with the subject matter, and might not be available in a traditional classroom setting.
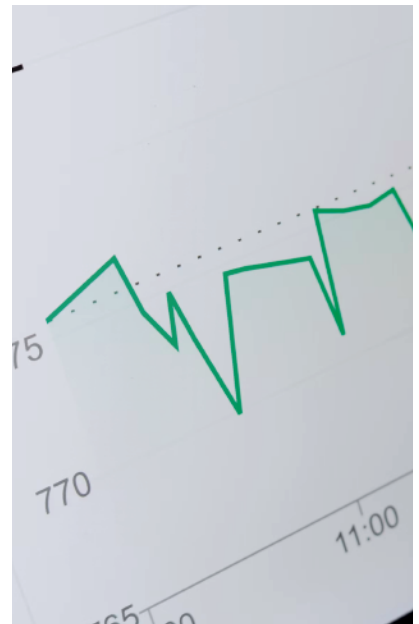
7. COLLABORATION AND NETWORKING

A unique and remarkable feature of digital learning is that it encourages collaboration and relationship building among participants, who may be geographically distant. This happens when well-designed training modules include features like discussion forums and group projects.

8. ENHANCED TRACKING AND ANALYTICS

Well-conceived e-learning programs include robust tracking and analytics capabilities. These enable both the individual participants to check their progress, and the organizations to monitor overall performance, track completion rates, and measure the impact of training initiatives. The insights from such data-driven feedback enable an organization to make improvements on an ongoing basis.

9. STANDARDIZED DELIVERY

Digital content is consistent across platforms and delivery systems. Students everywhere receive the same information in the same way from the same "teachers," reducing the variations that occur in traditional classroom settings, with different instructors of perhaps uneven quality.

10. SUSTAINABILITY AND ENVIRONMENTAL IMPACT

E-learning is environmentally friendly by definition since there is less paper consumption and physical travel is reduced, lowering carbon emissions.

INTRODUCING ASCENT

Many companies offer digital training products. Tech companies extol their software; educational firms cite their classroom experience; consulting firms list their research capabilities.

JANSON has a different approach. JANSON is a trusted partner with longstanding reputation for making our clients story our priority.

In 2021, it was named one of the Top 10 Most Innovative Defense Tech Companies in the U.S. JANSON's ASCENT (the company's proprietary software) offers a unique approach to digital training because of its scalability and user-focused design.

AMONG THE FEATURES OF ASCENT ARE:

- **Custom curricula:** There is no cookie-cutter manual. JANSON customizes material for each client. That's possible when you are a small, flexible, ISO-certified business with 25 years of experience in the defense industry.

- **Custom dashboard:** ASCENT includes a proprietary digital dashboard for each participant in one of its training programs, so both the individual and the organization can track progress in real time.

- **Scalable platform:** ASCENT is completely scalable.

- **Easy connectivity:** ASCENT can connect to a client's existing learning management system without expensive adaptations.

INTRODUCING ASCENT

AMONG THE FEATURES OF ASCENT ARE:
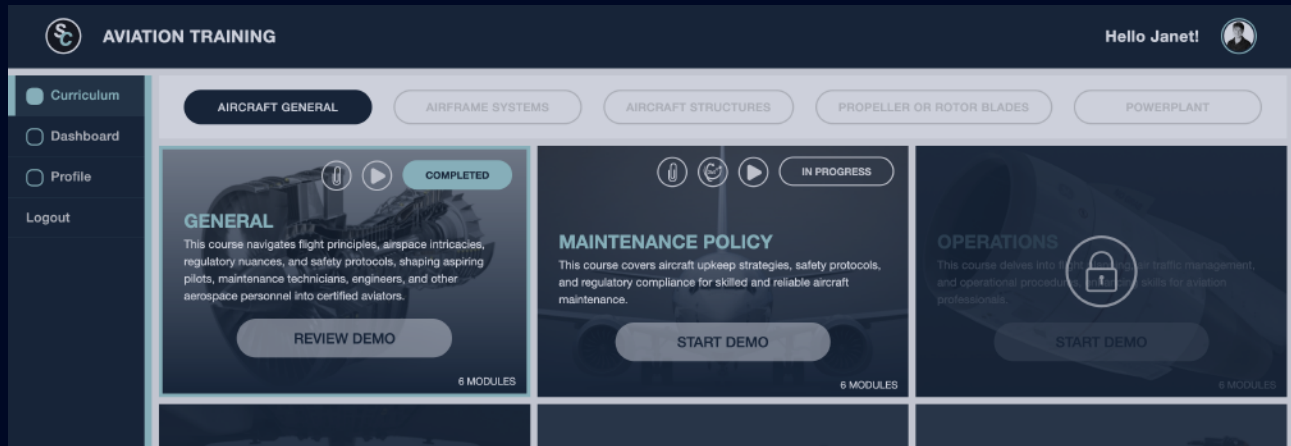
- **Cross-platform access:** JANSON doesn't push a specific delivery system; it designs programs that work with the most appropriate devices for the job– laptops, tablets, phones, VR goggles, or a combination. For example, cybersecurity modules are well suited to mobile devices, while the intricacies of engine components call for larger screens or ocular equipment.

- **Framework approved:** ASCENT IS DoD Software Framework approved, meaning it has met all the parameters for security and coding established by the DoD.

- **Reliable hosting:** ASCENT is hosted on AWS.gov.cloud, enabling its customers to adhere to ITAR regulations, FedRAMP requirements, Defense Federal Acquisition Regulation Supplement (DFARS), DoD (SRG) Impact Levels 2 and 4 and 5, and other security and compliance requirements.

> ASCENT solutions are "pay once" solutions. In other words, JANSON's customers are not burdened with "pay by the seat" or annual licenses for software, as these can be burdensome to a client's budget.

READY TO MOVE FORWARD?