



## Press Release

Hold for Release Until 12/02/19

### **NLign Analytics Product Suite 7.1 Providing ASIP Program Management with Real-Time, Accurate, and Complete Fleet Data**

*Aircraft Sustainability Software Increases Aircraft Availability by Expediting Maintenance Processes and Early Identification of Fleet-Wide Issues*

SAN ANTONIO, TX; DECEMBER 2, 2019 – As an exhibitor at the 2019 ASIP (Aircraft Structural Integrity Program) Conference, NLign Analytics, the global leader in aerospace digitizing inspection, maintenance and manufacturing data solutions, announces the release of NLign Product Suite 7.1. As the industry's only 3D structural analysis/decision support solution, NLign software provides detailed, complete and accurate fleet data in real-time further advancing ASIP management effectiveness.

Developed in collaboration with the United States Air Force and Navy, NLign software is employed throughout military and commercial applications including Boeing, Northrop Grumman and more. NLign Analytics has supported the aircraft structural integrity initiative for years; and version 7.1 enhancements are the result of the company's experience and response from the ASIP community.

#### **NLign Product Suite 7.1**

Major enhancements were made to analysis capabilities in release 7.1. These include the ability to combine multiple datasets, automate repetitive analyses, and improve



visualization. These capabilities were added to help ASIP managers make faster and more informed fleet management decisions.

Additionally, 7.1 includes features to strengthen the NLIgn Product Suite for enterprise-wide use. This delivers greater collaboration and management functionality such as data access controls, allowing organizations to control user access to each type of stored data. Changes to the data can be tracked providing a record, for each data element, of when and who made modifications.

### **Digital 3D Data Environment**

NLIgn Analytics develops powerful software solutions for aircraft manufacturing and maintenance applications. The uniqueness lies in the ability to align data to specific 3D locations on the physical asset and visualize the data in an intuitive 3D environment. As the industry's sole provider of timely 3D data, ASIP Managers have come to trust NLIgn for faster, more informed, and proactive decisions.

The NLIgn Product Suite consists of three integrated software tools:

- **NCheck™** improves trust in data by capturing accurate 3D structured data right at the aircraft and then providing it in hi-fidelity to engineering in real-time.
- **NLIgn™** is an interactive 3D data analysis tool that enables ASIP Managers to quickly understand the health of their aircraft allowing them to optimize inspection intervals and identify defect trends before they become fleet-wide problems.
- **NThread™** provides easy access to quality data by organizing and archiving an aircraft's entire digital thread of information from manufacturing to maintenance, even connecting to existing databases.

### **Implementation Support: NLIgn Professional Services**



Introducing new applications doesn't have to be time-consuming or distracting. Nlign works with your staff to accelerate learning and implementation. Our professional services are designed to meet each customer's specific requirements and applications.

Nlign offers a wide range of services to accelerate implementation, maximize software investments, and ensure ongoing success including:

- Legacy Data Migration
- Hands-on Training
- Dedicated Support
- On-Site Technical Staffing

#### **Nlign Analytics CEO, Tom Sharp Comments:**

"ASIP Managers are continually challenged to become even more responsive, efficient, and exact. And today, that means embracing Non-Destructive Inspection (NDI) technologies while leveraging fleet-wide digital engineering data. Nlign aggregates data across an entire fleet, multiple bases, and over time optimizes inspection intervals and identifies trouble spots. With new and enhanced features, based on valuable customer feedback, Product Suite 7.1 further enables organizations to achieve their ASIP objectives. This latest release represents a significant milestone for the ASIP community, current and future customers, and our organization."

#### **2019 ASIP Conference**

The 2019 ASIP Conference (December 2-5, San Antonio, TX) is specifically designed to bring together the world leaders in the area of aircraft structural integrity and to



disseminate information on state-of-the-art technologies for aircraft structures in both the military and civilian fleets.

NLign supports ASIP work in such companies as Boeing and Northrop Grumman as well as aircraft sustainability programs including the Air Force A-10. As a conference exhibitor, they will be showcasing, through product demonstrations and case studies, how ASIP Managers within these and other organizations are using NLign software to make faster, more informed decisions.

### **About NLign Analytics**

NLign Analytics provides unique, patented software-based solutions used in the manufacture and maintenance of aircraft to capture, organize and visualize detailed structural inspection and repair data. The NLign software solution is currently used in aerospace manufacturing applications to improve first-pass yield and increase manufacturing rate. In addition, NLign is used within the US Air Force, US Navy, and OEMs to improve structural maintenance processes to reduce costs and improve aircraft availability. The NLign interactive 3D environment drives improvements throughout organizations, including streamlining inspection processes, quality engineering analysis, and material review board processes. NLign Analytics is a privately held company with offices in Cincinnati and Dayton, Ohio.

For information on NLign Analytics, the NLign software platform or the company's related services visit [www.nlign.com](http://www.nlign.com).

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