

National Forging Tooling Database

Significant Savings through Visibility to Spare Parts and Tooling in IHS Haystack® Gold



The Source
for Critical Information and Insight™

IHS has added the National Forging Tooling Database (NFTD) to the IHS Haystack Gold parts and logistics management service. The NFTD is a joint project of the University of Toledo, Forging Defense Manufacturing Consortium, Advanced Technology Institute, Plexus Systems and IHS that is designed specifically to help organizations quickly and easily search, identify, locate and procure items that require forged tools. More than 205,000 tooling identification numbers in the NFTD are linked directly with IHS Haystack Gold's extensive parts and logistics data, including manufacturers' part numbers and US Government National Stock Numbers (NSNs).

The NFTD is sponsored by the Defense Logistics Agency through the PRO-FAST Program as supported by Defense Supply Center Philadelphia and Defense Logistics Agency Headquarters at Fort Belvoir, VA, USA.

Supply Chain Disintegration Occurs as Weapon Systems Age

As a new weapon system is created, all participants in the supply chain are brought together to design and procure components, and to manufacture the final product.

However, as weapon systems go out of production, the information flow between the US Department of

Defense (DoD) and the Forge Shop “disintegrates.” This occurs as time passes and businesses close, merge or are acquired by others. The problem is exacerbated by the fact that so many weapon systems are being used well beyond their original life cycle expectancy.

This is especially true for forged parts and tooling. Much of the data is simply never collected or tracked during the life of the weapon system. Later on, when a forged part or tool is needed, it cannot be found.

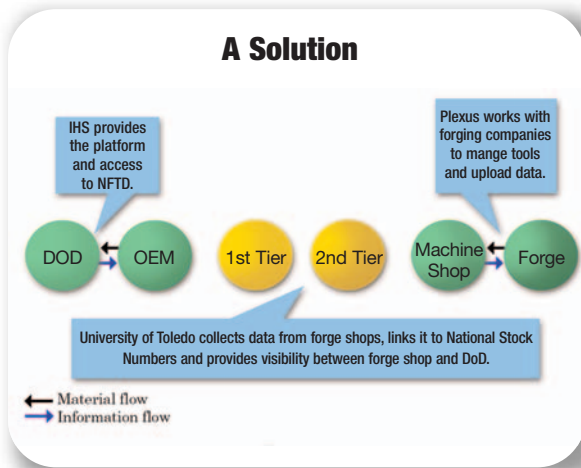
What is the Problem? (Supply Chain Disintegration)

Over time, data formats become obsolete or companies close their doors, so the information links are lost.



The NFTD in IHS Haystack Gold “Reconnects” the Supply Chain

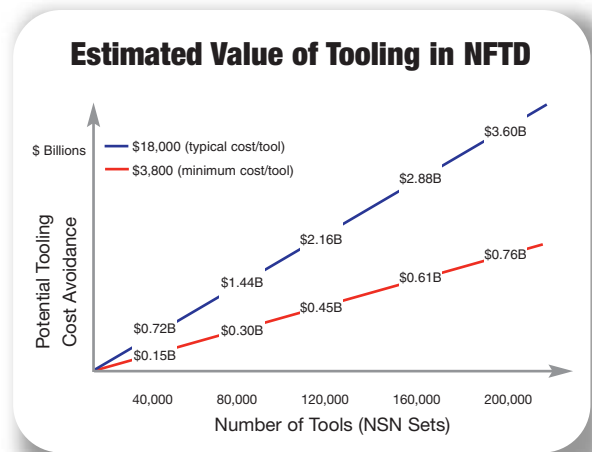
Adding forging tooling data to IHS Haystack Gold solves this supply chain problem and enables customers to make better business and logistics decisions while also improving productivity, lowering maintenance costs and meeting compliance and safety mandates.



The NFTD in IHS Haystack Gold provides visibility to spare parts and tooling that otherwise would be unavailable - saving considerable time and money in addition to contributing to improved operational readiness across the US DoD.

Proven Benefits

Personnel involved with the sustainment of weapon systems, support equipment and other mission-critical parts now have the necessary visibility regarding the existing suppliers that can meet their program needs. This can result in significant savings.



If only 1 percent of the more than 200,000 tools are used, the cost savings would be in excess of \$10M U.S.

As depicted in the graph, the cost avoidance opportunity is substantial and is determined by the replacement cost of the tool. In addition, it can take several weeks or months of production lead time just to locate and, if necessary, reverse engineer the tooling. Delays can result in substantial costs due to equipment downtime while waiting for parts, and downed equipment adversely affects mission readiness.

The NFTD in IHS Haystack Gold Provides Value to Organizations within the Supply Chain

Organizations that benefit from the NFTD offering in IHS Haystack Gold include:

- US Defense Logistics Agency (DLA) supply centers
- US DoD and DoD suppliers
- Logistics officers supporting weapon systems
- Original Equipment Manufacturers (OEMs)
- Tier-one, -two and -three suppliers
- Machine shops
- Forge shops

For more information on IHS Haystack Gold and NFTD, please contact your IHS sales representative or visit: <http://government.ihs.com/procurement/haystack-logistics/nftd-haystack.jsp>



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