# inLogic ™

## Asset Tracking That Makes a Difference

### RFID asset tracking benefits

- ◙ Lower costs by reducing labor and administration
- ◙ Secure assets and reduce loss with automated monitoring
- ◙ Improve accuracy by eliminating reliance on manual input
- ◙ Streamline operations by enabling process improvements
- ◙ Improved efficiency leads to short-term ROI
- ◙ Improve asset utilization and visibility
- ◙ Locate misplaced or lost assets
- ◙ Regulatory compliance (SOX)

### RFID Advantages

- ◙ Long read ranges (up to hundreds of feet)
- ◙ Reads multiple tags simultaneously
- ◙ Doesn't require a line-of-sight to read tags
- ◙ Automates manual processes

### About inLogic

inLogic delivers RFID-enabled asset tracking solutions that save time, reduce operating costs, and improve asset visibility for public and private organizations. Our software platform, RFTrack.NET, automates the physical inventory process to reduce man-power and improve accuracy, and tracks the movement of assets to improve visibility and security. By implementing RFTrack.NET, customers are able to improve their business operations by having the right assets, in the right place, at the right time.

**inLogic, Inc.**

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# Department of Defense Case Study

## Customer

A FORTUNE 500® defense contractor with offices in more that 150 cities worldwide that specializes in providing scientific, engineering, systems integration and technology applications to all branches of the U.S. Military, agencies of the U.S. Department of Defense (DoD), the intelligence community, the U.S. Department of Homeland Security (DHS) and other U.S. Government civil agencies.

## Background

Acts of Congress established facilities that are responsible for the destruction of stockpiles of U.S. weapons no longer being used. The U.S. Department of Defense was charged with identifying and demonstrating two or more alternative technologies to safely and environmentally destroy and dispose of these weapons in a cost-effective manner. The programs run by the defense support these weapon disposal initiatives on behalf of the U.S. Department of Defense at various locations around the U.S.

## The Problem

An important requirement in the defense contractor's contract for the U.S. Department of Defense mandates that all test munitions and support equipment must be physically inventoried four times per year. Everything from test projectiles, simulated rockets, simulated land mines, fuses, and small components have to be inventoried. The majority of the test munitions are stored on pallets and cases. The current process consisted of a manual inventory process using printed reports to count pallets and validate lot numbers. Not only was it very labor intensive requiring an extensive amount of man-power, it was not extremely accurate.

## The Solution

In order to automate the inventory process, reduce man-power and improve accuracy, the defense contractor began to research viable solutions. It selected passive RFID for an initial pilot. Utilizing inLogic's RFTrack.NET Inventory Module, Motorola handheld RFID readers, and PAXAR RFID printers, the defense contractor implemented a pilot system at their operations center in Maryland. All pallets were tagged with 2-4 identical RFID tags to improve read rates when pallets are stacked several layers deep. The defense contractor also integrated RFTrack.NET with their internal logistics enterprise management system so that pallet information and RFID Tag IDs could be passed to RFTrack.NET to eliminate duplicate entry of information.

## The Result

In their initial demonstration to the U.S Department of Defense, the defense contractor was able to demonstrate a physical inventory process that was 60 times faster than the current manual process. The time to manually inventory the pallets that were tagged for the pilot took about 4 hours and was prone to inaccuracies. When the same pallets were inventoried using RFID, the process took approximately 4 minutes and was 100% accurate. The solution has since been rolled out to their largest facility in Utah, where over 9,000 pallets to date have been tagged with RFID.