

# Brief History 2004-2008 Plan Executed

- FY 2004 Shan identified a 40+ year old military logistics problem & massive DoD cost savings potential
- June 2005 Shan awarded prototype for Associate Inter-modal Platform ("AIP") from USTRANSCOM
- 2006/7 Shan develops adjustable nets, and other accessories for USTRANSCOM

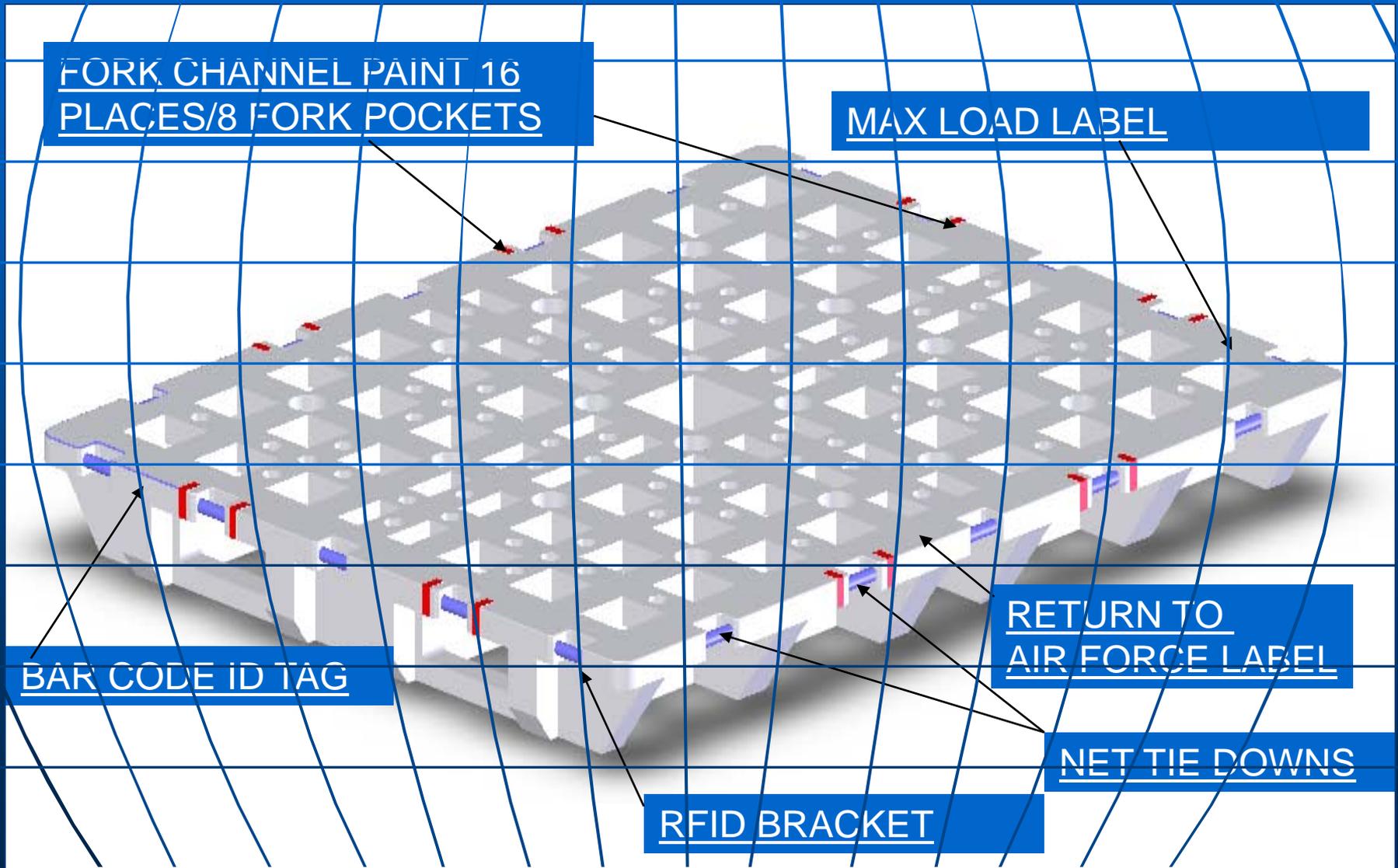
# AIP

*(patent pending)*

## LOGISTICS SYSTEM

**The new rapid, agile DoD system to  
preposition, store, and deploy  
assets by land, sea and air**

# AIP INITIAL DESIGN FOR USTRANSCOM 102" x 82"



**The AIP - a simple yet revolutionary concept -  
the world's largest plastic pallet-virtually indestructible  
AIP alone will save the DoD hundreds of millions of dollars  
and immeasurable administrative and labor time**



**2 YEARS OF RIGOROUS  
TESTING**

# TESTING OF AIP AT EXTREME COLD (> -41 DEGREES) UNITED STATES ANTARCTIC PROGRAM

## Siple Dome:

- South  $81.66^{\circ}$ ,  
West  $149.02^{\circ}$

## WAIS Divide:

- South  $79.47^{\circ}$ ,  
West  $112.08^{\circ}$



# TESTED IN AIR CARGO SYSTEM AND IN THEATER – TEMPERATURES OF +160 DEGREES



**TESTED AT 13,500 LBS.  
(FORMAL TESTING U.S. NAVAL LAB)**



# AIP SYSTEM

- AIP/AIPL
- AIP/AIPL NET
- AIP CONTAINER WITH RACK SYSTEM
- AIP TIE-DOWN STRAPS AND RINGS

# AIP NET ADJUSTABLE NET 40" x 88"



# AIP CONTAINER RACKING SYSTEM FOR BEAR COMMAND





**U.S. AIR FORCE**



# **LOADED AIP IN 20' CONTAINER**

**Total Container Weight 17,930 LBS**



# AIP SYSTEM FEATURES

## ■ AIP AND AIPL

- COMPATIBLE WITH 463L, CARGO LOADERS, FORKLIFTS AND CONVEYOR SYSTEMS
- AIP MAX GROSS WEIGHT 9K POUNDS; AIPL MAX GROSS WEIGHT 6K POUNDS
- FOUR-WAY FORKLIFT ENTRY INCREASES RAPID AND AGILE LOADING, DEPLOYMENT AND STORAGE
- RFID CAPABLE TO TRACK CARGO
- LOWCOST AND CONSUMABLE - NO NEED TO TRACK AIP

## ■ AIP NET

- ADJUSTABLE 40" TO 88"
- 1G AND 4G NET – EASY TIE DOWN

# AIP SYSTEM FEATURES

## ■ AIP CONTAINER AND RACKING SYSTEM

- ADJUSTABLE SHELVING LOCKS AIP TO ISO CONTAINER - 3,000 LB. LOAD PER SIDE
- CENTER UPRIGTS FOLD AND LOCK INTO CONTAINER CEILING WHEN NOT IN USE
- MAXIMUM AGILITY AND SPACE UTILIZATION
- MINIMUM LABOR FOR PACKING AND DEPLOYING.
- DESIGNED TO SURVIVE MOST DEMANDING RAIL, SEA AND LAND TRANSPORT CONDITIONS

# **AIP SYSTEM PROMOTES READINESS, RAPID DEPLOYMENT & AGILITY U.S. AND WORLDWIDE**

## **USERS**

AIR FORCE, ARMY, NAVY, MARINES, NATIONAL GUARD, RESERVES\*

RESERVES, US SUPPLIERS AND THEIR VENDORS

## **SYSTEM USES**

PLATFORM TO:

SHIP, STORE, AND TRACK ASSETS FOR ALL SERVICES TO ENSURE READY,  
AGILE DEPLOYMENT

PRE-POSITION, RECONSTITUTE, AND IMMEDIATELY DEPLOY ASSETS

PROVIDE DISASTER, EPIDEMIC AND HUMANITARIAN RELIEF EFFORTS