

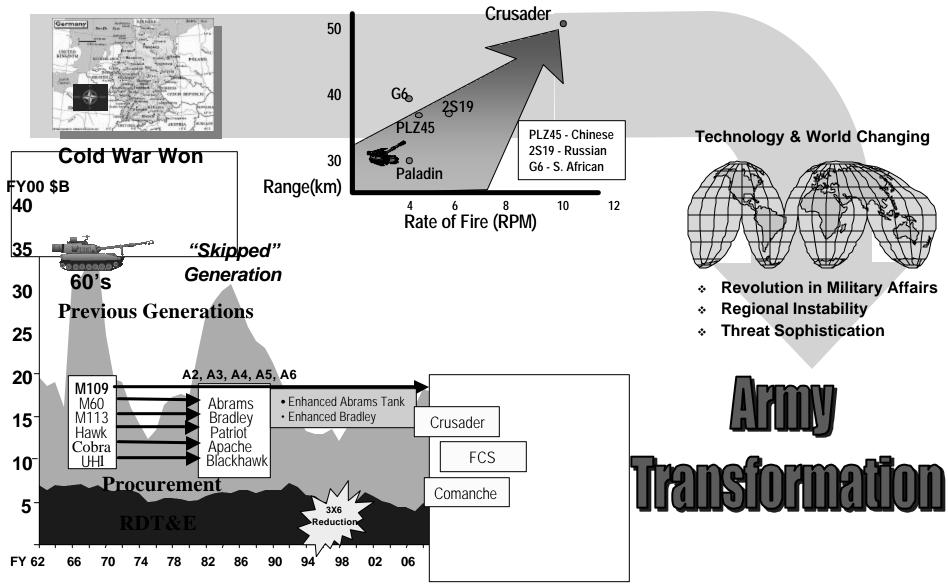
Report Documentation Page		
Report Date 18JUN2001	Report Type N/A	Dates Covered (from to)
Title and Subtitle Crusader Its Not Your Dads Combat Vehicle		Contract Number
		Grant Number
		Program Element Number
Author(s)		Project Number
		Task Number
		Work Unit Number
Performing Organization Name(s) and Address(es) Unknown		Performing Organization Report Number
Sponsoring/Monitoring Agency Name(s) and Address(es) NDIA (National Defense Industrial Association 2111 Wilson Blvd., Ste. 400 Arlington, VA 22201-3061		Sponsor/Monitor's Acronym(s)
		Sponsor/Monitor's Report Number(s)
Distribution/Availability Approved for public releas		
Supplementary Notes Proceedings from Armame NDIA	ents for the Army Transform	nation Conference, 18-20 June 2001 sponsored by
Abstract		
Subject Terms		
Report Classification unclassified		Classification of this page unclassified
Classification of Abstract unclassified		Limitation of Abstract UU
Number of Pages 15		

Г



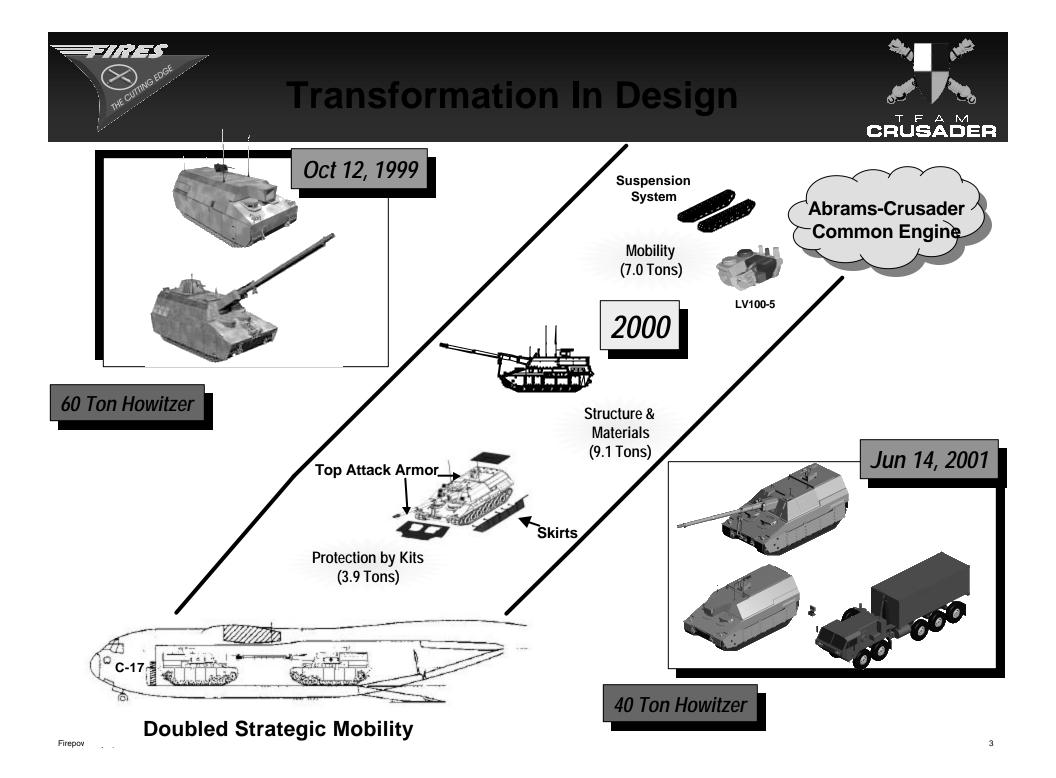
World Changed ... Army Transforming





Firepower Symp - June 01

2





Requirements Provide . . .



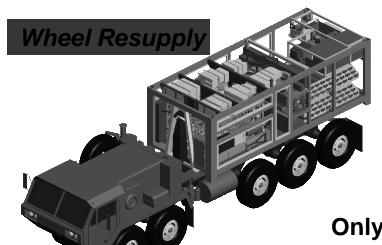


Unprecedented Attack System

State of the Art Cockpit

Track Resupply

Unmatched Soldier/System Survivability



Unparalleled Mobility

Only Robotic Firing & Resupply Systems in the World



Why Crusader?



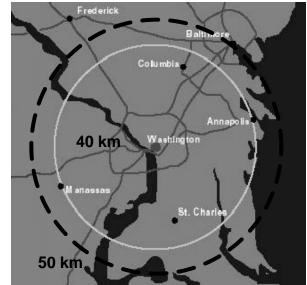




Point Man for Change

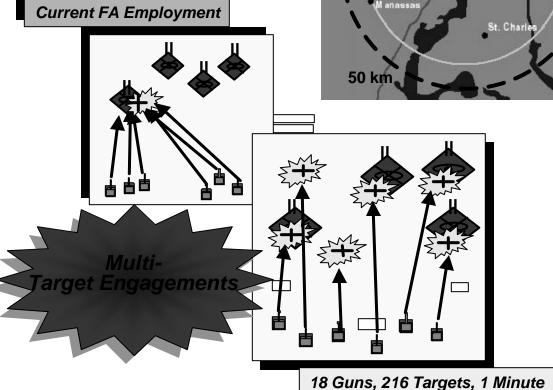


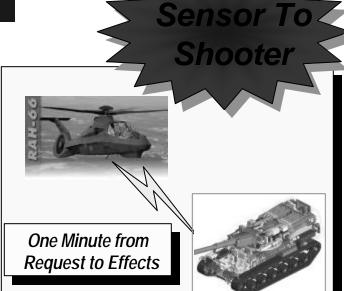
A Crusader Kills 48
Targets in 4 min Over
7850 Sq Km . . .



Crusader Firing Excalibur

- Precision Strike .. 50+ KM
- 178% + Area Coverage
- Redskins to Ravens Reach







Force Augmentation



Albania 1999 TF HAWK ARTILLERY PACKAGE (A/4-27 FA) • 6 Paladins

- 94 Soldiers
- 74 Juluici S
- 12 C-17 Sorties (8 C-5 Sorties)

CRUSADER ARTILLERY PACKAGE

- 2 Crusaders
- 31 Soldiers
- *6 C-17 Sorties (4 C-5 Sorties)*

50% Less Strategic Lift.Smaller Logistical Tail

Greater Firepower

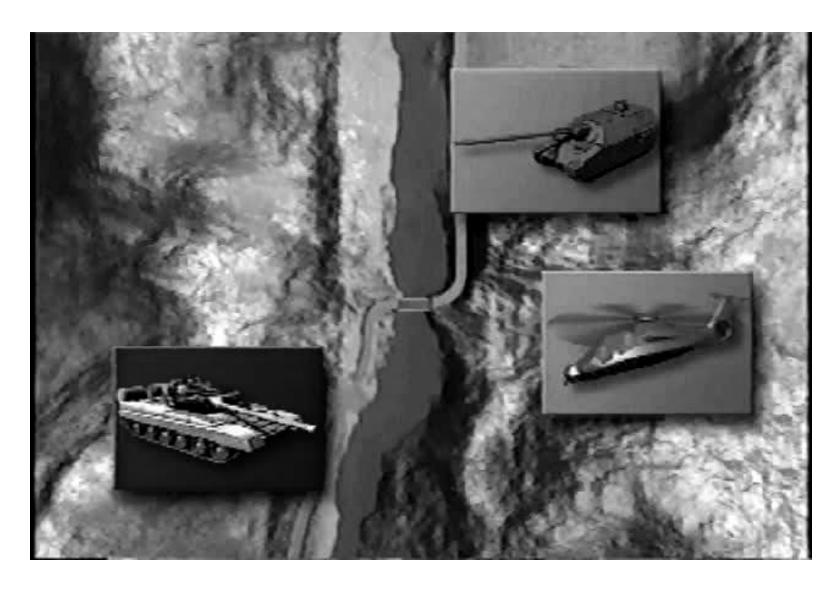


Asymmetrical Environment



Fire Mission Sequence (1)







Resupply Sequence







First Installment of the Objective Force



Major Theater Of War

Strategic Hedge for the World's Premiere

Armored Corps

- Provides 24 Hr All Weather Fires
- Immediately Available, Never Off Station
- Fires Available in Seconds
- Supports Offensive Operations
- Provides Fires for Total Force

Firepower Augmentation for the Interim Force

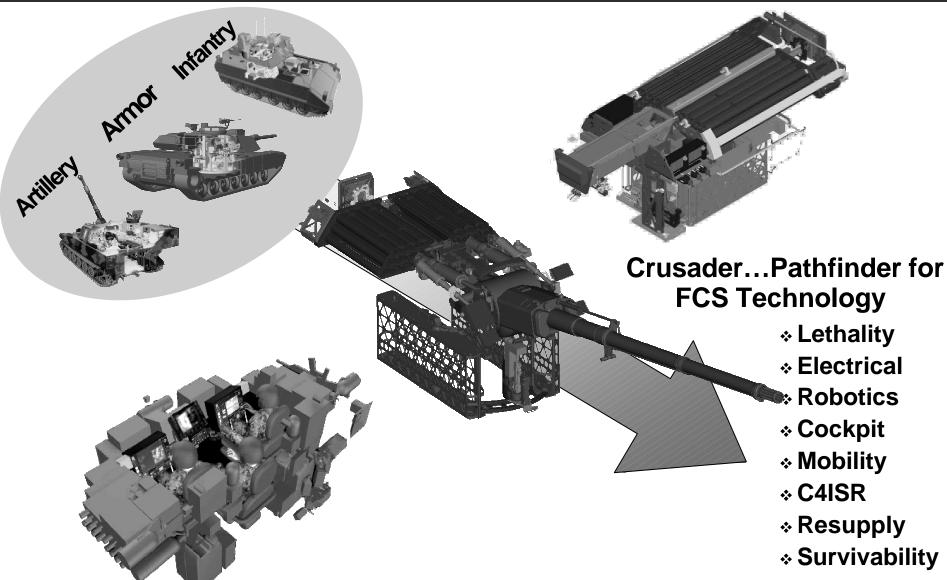
Small Scale Contingencies

Leads
Development of
Objective Force



Design to Objective ...







Beyond Boeing 777 Development Era ...



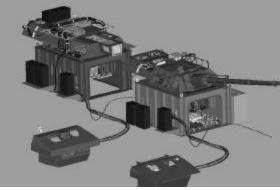














Crusader Leads Technology Integration

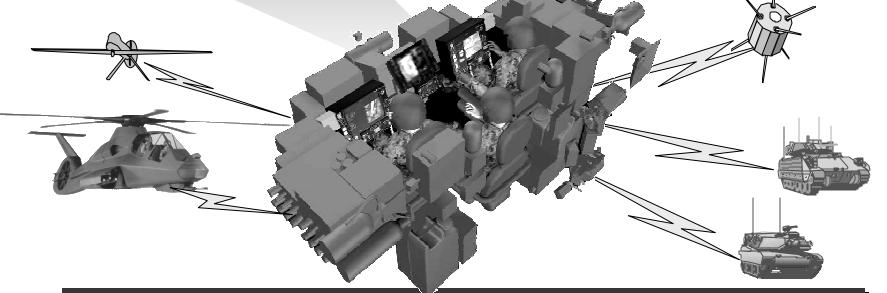


Integration of combat knowledge



System of Systems Development

- * Tactical Decision Process
- Leader Development
- * Soldier Machine Interface
- * Intellectual Capital

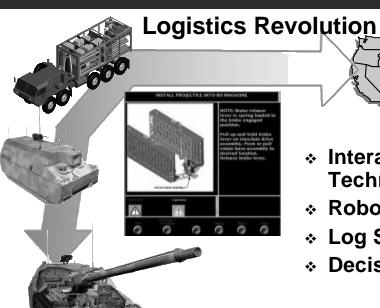


Enables Army-Industry Team's Transition to FCS!



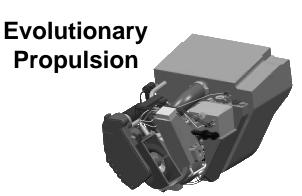
Enabling Technologies for FCS



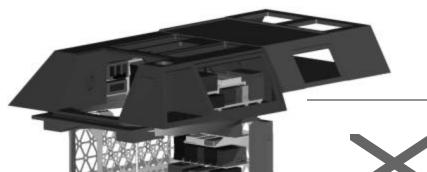


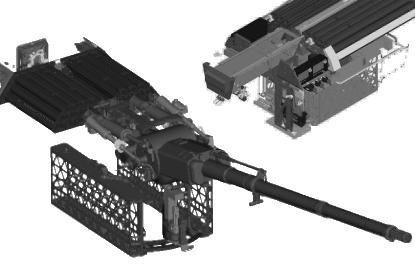


- Interactive Electronic Technical Manual (IETM)
- * Robotic Fault Mgmt
- Log Situational Awareness
- Decision Aids









Robotic Firing and Resupply



In Summary . . .





- Unique Design . . . Breaks Paradigm
- Technology Carrier . . . Design to Objective
- Transformation . . . Strategic Mobility
- Gain Overmatch . . . Tactical Agility
- Force Protection . . . Responsive Firepower
- Warfighting System . . . Keeps Soldiers Alive
- Program . . . On Cost, Schedule, Performance

With Crusader, the Army's Force Wins Decisively

First Installment of the Objective Force