Solution

Automated Interdiction System (AIS) Workstation Program

1. WBS Expansion - See WBS Solution on next page.

2. Depth of Expansion - Yes. Expansion beyond the fourth level is seldom necessary, except when control accounts are scarce or the project is very large. Usually, the control account/work package structure provides the additional framework necessary to provide visibility. Extending the WBS is an invitation to the customer to ask for more detailed information.

3. Handling Multiple Builds - There are two approaches. If there are multiple builds within a CSCI, they should be handled as control accounts within the CSCI. If there are multiple builds involving more than one CSCI, they should be handled as control accounts under a WBS element, “Build Integration and Test”, subordinate to the “Subsystem Integration and Test” WBS Element.
Work Breakdown Structure (WBS) Solution

Level 1 WBS
Automated Workstation Development Program

Level 2 WBS
- Console Subsystem
- Systems EngineeringManagement
- Systems Test and Evaluation
- Production

Level 3 WBS
- Display Processor
- Interface Processor
- Subsystem Integration and Test
- System Software
- Systems Engineering
- Project Mgmt.
- Hardware T & E
- Software T & E

Level 4 WBS
- Software CSCI Dev.
- Hardware Dev.
- Firmware Dev.
- Software Project Mgmt.
- Project Mgmt.
- Software CSCI Dev.
- Hardware Dev.
- Build Integ. & Test
- CSCI Integ. & Test
- Software Engineering Mgmt.
- Software Quality Assurance
- Software Config. Mgmt.
- Specialty Engineering

Other Common WBS Elements
- Peculiar Support Equipment
- Data
- Training
- Industrial Facilities
- Operational Site Activation
- Logistics Support