

# Use Brickwall to....

- Link repair line failures with weapon system availability
- Facilitate budget planning for timely solutions
- View cumulative effects of multiple events
- Combine/accelerate /defer solutions to optimize budget efficiency
- Plan the proper sized spare parts "bridge" to ensure uninterrupted weapon system support during solution implementation
- Build life-of-system road maps for continued mission success

System Requirements  
 Windows® XP Home Edition/Professional  
 Windows NT®/2000 Professional  
 Windows NT 4.0 Workstation with Service Pack 6a or higher

Windows Me/98  
 Mandrake Linux 8.0 or newer  
 Red Hat Linux 7.0 or newer  
 Most standard Linux distributions

REQUIRED FOR ALL INSTALLATIONS  
 Intel® Pentium® II 300MHz or higher  
 128 MB of RAM  
 60 MB Hard Drive Space  
 CD-ROM or DVD-ROM drive

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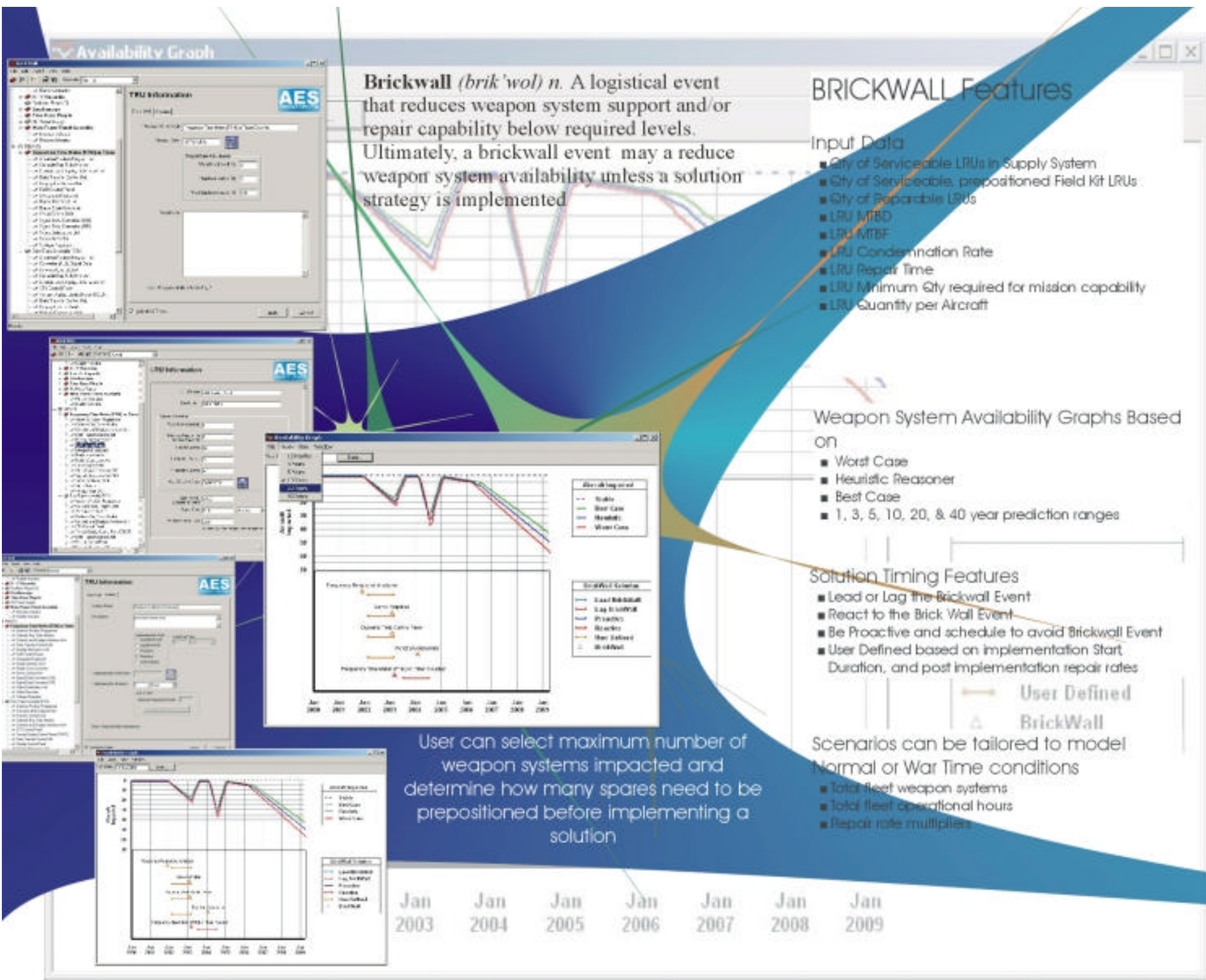


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# BRICKWALL





**Brickwall** (*brik'wol*) n. A logistical event that reduces weapon system support and/or repair capability below required levels. Ultimately, a brickwall event may reduce weapon system availability unless a solution strategy is implemented

### BRICKWALL Features

- Input Data**
- Qty of Serviceable LRUs in Supply System
  - Qty of Serviceable, prepositioned Field Kit LRUs
  - Qty of Repairable LRUs
  - LRU MTBD
  - LRU MTBF
  - LRU Condemnation Rate
  - LRU Repair Time
  - LRU Minimum Qty required for mission capability
  - LRU Quantity per Aircraft

### Weapon System Availability Graphs Based On

- Worst Case
- Heuristic Reasoner
- Best Case
- 1, 3, 5, 10, 20, & 40 year prediction ranges

### Solution Timing Features

- Lead or Lag the Brickwall Event
- React to the Brick Wall Event
- Be Proactive and schedule to avoid Brick Wall Event
- User Defined based on implementation Start Duration, and post implementation repair rates



Scenarios can be tailored to model Normal or War Time conditions

- Total fleet weapon systems
- Total fleet operational hours
- Repair rate multipliers

User can select maximum number of weapon systems impacted and determine how many spares need to be prepositioned before implementing a solution

