Raytheon
Intelligence & Space

Multi-Platform Application Re-Hosting Solution (MARS)

Hardware-based technology, requiring no modifications to, or installation on, existing software application hosts.

Raytheon's MARS is a cutting-edge, versatile workstation upgrade providing an intuitive way to modernize access to and display of existing applications, with familiar user functions remaining as they were.

BENEFITS

- Significant reduction in hardware footprint reduces associated sustainment costs.

- Enhanced end-user efficiency by removing distractions.

- Minimal downtime during transition.

- No modifications to application hosts and backroom equipment minimizes training impact.

- Uses intuitive motions from today's touch technology.

- Supports any combination of Mini-DisplayPort, DisplayPort, HDMI, VGA and DVI input(s).

- Display agnostic – Supports any 4K standard 43"/32" touch or non-touch displays.

- Keyboard and mouse input devices agnostic.

- Simultaneously supports both touch and non-touch applications.

Explore MARS

The natural chaos of the end user managing multiple displays, each with its own keyboard and mouse, is resolved. MARS encourages safety and efficiency by eliminating clutter while providing end users with the tools they need to avoid diverting attention from the job. MARS has been thoughtfully designed with extensive operator input emulating modern touch technologies that employ intuitive motions from today's smartphone and tablet devices.

Raytheon's Multi-platform Application Re-hosting Solution (MARS) is a cutting-edge, versatile workstation upgrade providing an intuitive way to modernize access to and display of existing applications, with familiar user functions remaining as they were. MARS is suitable for any end-user monitoring data from multiple inputs (application hosts) by leveraging WEYTEC's video over IP technology to display up to ten host applications on one or two commercial-off-the-shelf (COTS) monitors.

Choose your new display… or don't

- MARS consolidates up to ten application hosts onto one or two displays.

- MARS is display agnostic allowing you to choose between existing displays or optional state-of-the-art COTS equipment.

- MARS supports both touch and non-touch applications simultaneously on COTS display.

Choose your new keyboard… or don't

- MARS consolidates up to ten application hosts onto one or two displays accessed by a single input device set (keyboard and mouse).

- MARS is input device (keyboard and mouse) agnostic allowing you to choose between existing input sets or optional COTS input device sets.

- Additional COTS smart keyboards are available with MARS.

  - SmartTOUCH or SmartTOUCH Flex can emulate physical keyboards and are configurable to incorporate additional software features and customer-specific commands.

Multi-Platform Application Re-Hosting Solution

Single display

Dual display horizontal

Dual display vertical

Choose your new workstation… or don't

- Three optional workstation configurations:
  - Single display.
  - Dual horizontal displays.
  - Dual vertical displays.
- Sleek workstation design with ergonomically adjustable work surface (seating to standing) for multi-user application.
- Height and tilt adjustable.
- Easy access of all MARS hardware components from operator side.

Choose your support services… or don't

- Optional COTS recording and playback offered with MARS simultaneously records multiple applications, displays and input devices.
- MARS offers optional maintenance and technical support up to five years after customer site installation.

Dual display vertical close up.

With MARS, obsolete, worn-out hardware can be replaced with new modern COTS display hardware quickly and easily on a position-by-position basis without changing back-room hardware and/or software. Because there are no modifications to existing host applications and backroom equipment, the transition to MARS requires minimal operator training.

About Raytheon Technologies

Raytheon Technologies (NYSE: RTX) is an aerospace and defense company that provides advanced systems and services for commercial, military and government customers worldwide. The company was formed in 2020 through the combination of Raytheon Company and the United Technologies Corporation aerospace businesses and is headquartered in Arlington, VA.

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