



ONE-VA TECHNICAL REFERENCE MODEL v16.2

## emWave Pro

**General** | [Decision](#) | [Reference](#) | [Component](#) | [Category](#) | [Analysis](#)

[Home](#) | [Veteran Services](#) | [Business](#) | [About VA](#) | [Media Room](#) | [Locations](#) | [Contact Us](#)

### General Information

*Technologies must be operated and maintained in accordance with Federal and Department security and privacy policies and guidelines. More information on the proper use of the TRM can be found on the [TRM Proper Use Tab/Section](#).*

**Website:** [Go to site](#)

**Description:** emWave Desktop is training software that monitors heart rhythms and confirms the physiological levels of coherence. Coherence is an optimal state in which the heart, mind and emotions are operating in-sync and in balance which has been proven to have numerous mental, emotional, and physical benefits. Through coherence techniques, interactive exercises and game play, emWave Desktop helps users to bring their heart and mind into a coherent state, building resilience, increasing energy, and promoting focus, mental clarity and emotional balance. Using a pulse sensor plugged into the Universal Serial Bus (USB) port, emWave Desktop collects pulse data and translates coherence information into graphics displayed on the computer screen.

**Section 508 Information:** The Implementer of this technology has the responsibility to ensure the version deployed is 508 compliant. Section 508 compliance may be reviewed by the 508 Office and appropriate remedial action taken if necessary. For additional information or assistance regarding Section 508, please contact the Section 508 office at [Section508@va.gov](mailto:Section508@va.gov).

**Decision:** [View Decisions](#)

**Decision Constraints:** Veterans Affairs (VA) users must ensure VA sensitive data is properly protected in compliance with all VA regulations. All instances of deployment using this technology should be reviewed by the local ISO (Information Security Officer) to ensure compliance with [VA Handbook 6500](#).

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**Decision Source:** TRM Mgmt Group

**Decision Process:** One-VA TRM v16.1

**Decision Date:** 01/31/2016

**Aliases:** emWave desktop

**Introduced By:** TRM Request

**Vendor Name:** [HeartMath](#)

- The information contained on this page is accurate as of the Decision Date (01/31/2016).



ONE-VA TECHNICAL REFERENCE MODEL v16.2

emWave Pro

General **Decision** Reference Component Category Analysis

Home **Veteran Services** Business About VA Media Room Locations Contact Us

Vendor Release Information



The Vendor Release table provides the known releases for the TRM Technology, obtained from the vendor (or from the release source).

Version	Release Date	Vendor End of Life Date	Vendor Desupport Date
1.0	02/12/2010		
2.1	09/29/2010		
2.2.5	06/14/2012		
3.0	12/16/2013		
3.1	12/24/2013		
3.2	02/24/2014		
3.3	11/15/2014		

Current Decision Matrix (07/24/2015)



The VA Decision Matrix displays the current and future VA IT position regarding different releases of a TRM entry. These decisions are based upon the best information available as of the most current date. The consumer of this information has the responsibility to consult the organizations responsible for the desktop, testing, and/or production environments to ensure that the target version of the technology will be supported. Any major.minor version that is not listed in the VA Decision Matrix is considered unapproved for use.

Legend:

White	<b>Approved:</b> The technology/standard has been approved for use.
Yellow	<b>Approved w/Constraints:</b> The technology/standard can be used within the specified constraints located below the decision matrix in the footnote[1] and on the General tab.
Gray	<b>Unapproved:</b> The technology/standard has not been approved for use. It may only be used if a waiver signed by the Deputy CIO of ASD based upon a recommendation from the AERB has been granted to a project.
Orange	<b>Divest:</b> VA has decided to divest itself on the use of the technology/standard. As a result, all projects currently utilizing the technology/standard must plan to eliminate their use of the technology/standard. Additional information on when the entry is projected to become unapproved may be found on the Decision tab for the specific entry.
Black	<b>Prohibited:</b> The technology/standard is not (currently) permitted to be used under any circumstances.
Blue	<b>Planning/Evaluation Constraint:</b> The period of time this technology is currently being evaluated, reviewed, and tested in controlled environments. Use of this technology is strictly controlled and not available for use within the general population. If a customer would like to use this technology, please work with your local or Regional OI&T office and contact the appropriate evaluation office displayed in the notes below the decision matrix. The Local or Regional OI&T office should submit an <a href="#">inquiry to the TRM</a> if they require further assistance or if the evaluating office is not listed in the notes below.

Release	CY2015				CY2016				CY2017			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2.2.5	Divest [1]	Divest [1]	Divest [1]	Divest [1]	Unapproved	Unapproved	Unapproved	Unapproved	Unapproved	Unapproved	Unapproved	Unapproved
3.2	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Divest [1]	Divest [1]	Divest [1]	Divest [1]	Unapproved	Unapproved
3.3	Unapproved	Unapproved	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]	Approved w/Constraints [1]

[1] Veterans Affairs (VA) users must ensure VA sensitive data is properly protected in compliance with all VA regulations. All instances of deployment using this technology should be reviewed by the local ISO (Information Security Officer) to ensure compliance with [VA Handbook 6500](#).

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ONE-VA TECHNICAL REFERENCE MODEL v16.2

emWave Pro

General Decision Reference Component **Category** Analysis

Home Veteran Services Business About VA Media Room Locations Contact Us

VA Categories

[View the VA Categorization Framework](#)

Domain Area	Category	Customer Guidance	Category Locked By ELT Date
Collaboration and Electronic Workplace	<a href="#">Health Care</a>		
Productivity Software			

Operating Systems Supported by the Technology

- [OS X](#) - Approved w/Constraints
- [Windows Client](#) - Approved w/Constraints

Technologies/Standards Relationships

Runtime Dependencies:

- No runtime dependencies have been identified.

Comparable Technologies:

- No comparable entries have been identified.

Companion Technologies/Supported Standards:

- [C++ Programming Language](#)
- [Hypertext Transfer Protocol \(HTTP\)](#)

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emWave Pro 

[General](#) [Decision](#) [Reference](#) [Component](#) [Category](#) **Analysis**

[Home](#) [Veteran Services](#) [Business](#) [About VA](#) [Media Room](#) [Locations](#) [Contact Us](#)

**General Analysis** 

**Adoption Benefits**

- This is a mature and stable technology.
- The technology can connect with an on-line platform that syncs all of the session data and tracks activity and history.
- The technology has the ability to export and import user sessions from different databases.
- The technology automatically saves the data from each session and allows the users to review their progress.
- This technology has no known Common Vulnerabilities & Exposures (CVEs).

**Adoption Risks**

- This application does not contain or require access control or authentication mechanisms for functionality.
- The technology can collect, store or transmit Personal Identifiable Information (PII) or Protected Health Information (PHI).

**Architectural Benefits**

- The technology is portable as it runs on various VA approved platforms.

**Architectural Risks**

- There is an increased risk of vendor lock-in.

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