

# EMBOS — Electronic Medical Business Operations System



*The Electronic Medical Business Operations System (EMBOS) is a support system that addresses the unique health information and operational needs of many government and nongovernment organizations.*

*EMBOS was originally designed by occupational and mental health professionals and developed using the strictest federal cyber security and software quality assurance guidelines.*

SOFTWARE

## Features

- Easy-to-use interface supports real-world work flow
- Online questionnaires allow pre-appointment updates to medical and maintenance histories
- Voice recognition technology
- Online scheduling and autoscheduling for recurring exams and maintenance
- Automated appointment notifications and single-click registration
- Automated interfaces to lab devices and digital imaging
- Easy navigation to electronic record summaries with drill-down capability
- Psychological evaluation support with results imported from standard psychological testing tools
- Real-time entry of notes in easy-to-use forms

- Eliminates or minimizes transcription time and errors
- Ensures information security
- Puts vital information at the operator's fingertips for a more effective, efficient and complete exam

## Applications

- Occupational health clinics
- Doctor offices
- Dental offices

## Copyright

The Y-12 National Security Complex has copyright protection for this technology.

## Developers

David Caldwell, Dan Cannon, Jessica Metcalf, Matt Morrell, Melissa North, Brian Ray, Terry Richardson, Steve Underwood and Patsy Shelton

## Benefits

- Minimizes staff learning curves
- Minimizes time spent and appointment delays

## Technology Readiness Level (1–9)

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Actual application of the technology in its final form and in Y-12 production use.

## Partnering Opportunities

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Y-12 is seeking an industry partner to fully commercialize this technology.

**If you would like more information, please contact the  
Office of Technology Commercialization and Partnerships:**

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*(865) 241-5981*

*<http://www.y12.doe.gov/technologies>*