

Migration from SAFEnet 5.6.3 (2002) to SAFEnet 6.2.16 SP4 (2012)

Software, by design, consistently evolves, changes and grows to meet the needs of the markets it serves. Your Monitor Dynamics SAFEnet system, including the server and workstation hardware, is no different. Occasional minor scheduled updates, when required, gives SAFEnet customers added features and performance for their system. At times, more significant upgrades are required in order to pave the way for advancement, mitigate new security threats and maintain reliability for the longer term. These major upgrades are tested and quality assured by Monitor Dynamics integration engineers. The need for SAFEnet customers to upgrade from SAFEnet 5.6.3 (which was released in 2002) to the latest SAFEnet 6.2.16 Service Pack 4 is one of these times - where a long term perspective brings into clear focus the benefits of planning for this upgrade. The SP4 upgrade comes in three major areas:

Microsoft Windows Server 2008 and Windows 7

Primary Benefits of this Microsoft Platform Include:

- Improved Security
- Reduced power consumption
- Increased application performance (more efficient, faster)
- Proper alignment to corporate IT infrastructure

Microsoft SQL Server 2008

Primary Benefits of this Microsoft Database Include:

- Improved security tools
- Policy based management
- Improved performance/scalability
- No support for Microsoft Server 2000 (end of life)
- Proper alignment to corporate IT infrastructure

Features, Advantages and Benefits of the new SAFEnet platform vs. the old SAFEnet 5.6.3 system include:

1. The latest operating system and database technology
2. New software support and warranty structure for the future of your system
3. The ability to un-dock programs for multiple monitor use on a single CPU
4. Interactive maps and icons for simple door control and override capabilities
5. New and improved card editor features
6. Multiple badge capabilities per card hold record
7. Supports the new BlueEdge Intelligent Control Equipment (ICD) IP-POE+ hardware technology
8. Interactive video surveillance system integration with video pop-up on alarm
9. Integration with leading video recording software systems including analytics
10. Email notifications on alarm (setting controls)
11. Supports government issued smartcards, multi-factor biometric readers and identity compliance (PIV & PIV-I)



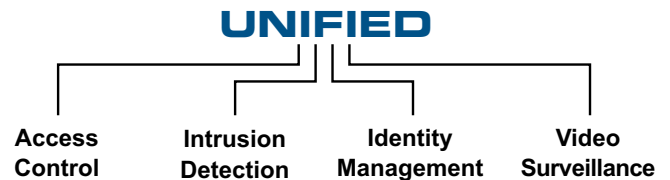
The new 6.2.16 SP4 Platform in FICAM Configuration won the GovSec 2012 Govies Award for Best Government Access Control System and the 4 Bridges Forum Product Innovation Award for PKI-Based PACS

1. Latest MS operating system software - Windows Server 2008 R2
2. Latest MS Relational Database Management System – MS SQL 2008 R2
3. Modern windows modular plugin application using dynamic link libraries
4. New Alarm Monitoring module with user configurable multiple queues, color coded alarms showing geographical location, pop-up video upon event, journal and dispatch files
5. New platform supports all SAFEnet hardware families: Legacy (PPU), PB2000, IDC, DDC and BlueEdge Intelligent Control Equipment (ICE)
6. Improved dynamic status viewer
7. Enhanced mapping module supporting display of alarms via interactive icons
8. Full audit trail support for every action by an operator
9. Enhanced security and authentication of operators
10. Enhanced reporting features
11. New and improved Card Editor with support for multiple card technologies (SmartCard, Prox, Magstripe, Bar Code, Biometrics) per user with automatic “use or lose” features and access privileges based on assignments and exceptions
12. Multiple Card Formats (26,30,35,37,48,75 bits, etc.) supported
13. New Badge Designer with high end camera and webcam support (badge print history and reasons also supported)
14. New User View Designer capable of creating an unlimited number of screens, tables and fields
15. Identity Management Support – compliance with HSPD-12 mandates supporting all versions of government issued SmartCards such as PIV, CAC, PIV-I, FRAC and TWIC (Certificate Validation) with multiple level of 1,2 & 3 factor authentication
16. Unified Video Management with MileStone and ONSSI software - each alarm point can be assigned one or more cameras in one or more layouts
17. On demand video recording, PTZ controls, recorded video search and play (with simplified VCR like features)
18. Email event notification
19. Highly redundant application and database servers
20. True and automatic disaster recovery
21. Automatic log data archival
22. Automatic nightly database backup

Monitor Dynamics SAFEnet software

The SAFEnet Software Platform delivers value by blending access control, intrusion detection, video surveillance and FIPS-201 approved, OMB M 11-11 compliant identity solutions into a centralized dashboard environment. The latest Version of SAFEnet - 6.2.16 Service Pack 4 - includes a comprehensive Microsoft Platform upgrade that utilizes the latest released versions of MS Windows Server, MS Windows Workstation and MS SQL Server. This upgrade assists the Security Department in complying with new IT migration strategies from Win2003, XP and SQL Server 2000/2005 to the latest MS Technology.

At the end of the SP4 upgrade process, the customer can rest assured that the upgrade was performed by factory engineers and the data conversion was validated before the live system is cut over. This ensures the smoothest transition to the newest software and at least five more years of running the latest security technology that Monitor Dynamics has to offer.



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