

Intel® Modular Server System Unified Firmware Update (UFU) Package Content Matrix

March 2010

The below table provides the following information for all released Intel® Modular Server System Unified Firmware Update (UFU) packages:

- BIOS and Firmware versions included in the specific UFU release
- Supported Intel® Modular Server Systems and Intel® Compute Modules for each UFU release
- Additional notes/comments for the specific UFU release. UFU packages are listed with the most recent release first and the oldest release last.

Before installing a UFU package refer to the Release Notes contained within your specific UFU package for detailed information regarding new features, known issues, and step-by-step installation instructions.

Text in blue indicates a change from the previously released Intel® Modular Server System Unified Firmware Update Package.

UFU Version	UFU Release Date	Intel® Modular Server System	CMM GUI	Intel® Compute Module	BIOS	BMC	SAS FW	SAS Option ROM	EBF	Storage IOP	Storage Expander	Storage Redboot	ESM Boot Code	ESM FW	Fan Op Code	Fan Boot Block	Comments
V6.0	Mar-10	MFSYS25 MFSYS35	6.0.100.20100317.20104	MFS5000SI	SB5000.86B.10.00.0050	1.36.6	1.30.00.00-IR	6.22.00.00	1.37	3.5.0140.11	1.03.0140.70	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from, V2.7, V3.0, V3.6, V4.0, V4.1, V5.0 or V5.5 Roll back to previous versions is <u>not</u> supported
				MFS5520VI	S5500.86B.01.10.0048	1.19.2											
V5.5	Dec-09	MFSYS25 MFSYS35	5.5.100.20091202.19584	MFS5000SI	SB5000.86B.10.10.0048	1.36.5	1.25.05	6.22.00.00	1.37	3.4.0140.08	1.03.0140.70	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V2.7, V3.0, V3.6, V4.0, V4.1 or V5.0 Roll back to previous versions is <u>not</u> supported
				MFS5520VI	S5500.86B.01.10.0043	1.18.2											
V5.0	Oct-09	MFSYS25 MFSYS35	5.0.100.20090928.19055	MFS5000SI	SB5000.86B.10.10.0048	1.36.4	1.25.02.00-IR	6.22.00.00	1.35	3.4.0140.05	1.03.0140.70	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V2.7, V3.0, V3.6, V4.0 or V4.1 Roll back to previous versions is <u>not</u> supported
				MFS5520VI	S5500.86B.01.00.0038	1.17.4											
V4.1	Sept-09	MFSYS25 MFSYS35	4.1.100.20090821.18604	MFS5000SI	SB5000.86B.10.10.0048	1.36.4	1.25.02.00-IR	6.22.00.00	1.35	3.3.0140.18	1.03.0140.68	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V2.7, V3.0, V3.6, V4.0 Roll back to previous versions is <u>not</u> supported
				MFS5520VI	S5500.86B.01.00.0038	1.16.2											
V4.0	Aug-09	MFSYS25 MFSYS35	4.0.100.20090813.18499	MFS5000SI	SB5000.86B.10.10.0048	1.36.4	1.25.02.00-IR	6.22.00.00	1.32	3.3.0140.18	1.03.0140.68	1.01.0140.14	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V3.6, refer to release notes for more

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				MFS5520VI	S5500.86B.01.00.0038	1.16.2											information Roll back to previous versions is <u>not</u> supported
V3.6	June-09	MFSYS25 MFSYS35	3.6.100.20090701.18029	MFS5000SI	SB5000.86B.10.10.0048	1.36.1	1.25.02.00-IR	6.22.00.00	1.32	3.02.0140.15	1.03.0140.68	1.01.0140.12	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V3.0, V2.7, and P2.6
				MFS5520VI	S5500.86B.01.00.0038	1.15.1											
V3.0	May-09	MFSYS25 MFSYS35	3.0.100.20090504.17040	MFS5000SI	SB5000.86B.10.10.0048	1.35.3	1.25.02.00-IR	6.22.00.00	1.31	3.02.0140.15	1.03.0140.68	1.01.0140.12	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from V2.7 and P2.6
				MFS5520VI	S5500.86B.01.10.0034	1.15.1											
V2.7 <sup>1</sup>	Feb-09	MFSYS25 MFSYS35	2.7.100.20090226.16239	MFS5000SI	SB5000.86B.10.10.0048	1.35.1	1.25.02.00-IR	6.22.00.00	1.27	3.02.0140.15	1.03.0140.68	1.01.0140.12	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from P2.6, P2.3.5, and P2.3.1
P2.6	Nov-08	MFSYS25 MFSYS35	2.6.100.20081120.14717	MFS5000SI	SB5000.86B.10.10.0048	1.34.9	1.25.02.00-IR	6.22.00.00	1.26	3.00.0140.77	1.03.0140.66	1.01.0140.10	1.0.0.6	1.0.0.27	1.2	1.2	Update supported from P2.3.5 and P2.3.1
P2.3.5	Oct-08	MFSYS25 Only	2.4.100.20081010.13743	MFS5000SI	SB5000.86B.10.10.0048	1.30.3	1.23.07.00	6.18.01.00	1.24	2.91.140.50	1.03.0140.02	1.01.0140.08	1.0.0.6	1.0.0.27	1.1	1.2	Update supported from P2.3.1
P2.3.1	Jun-08	MFSYS25 Only	2.4.100.20080610.11578	MFS5000SI	SB5000.86B.10.00.0043	1.30.3	1.23.07.00	6.18.01.00	1.24	2.91.140.50	1.03.0140.02	1.01.0140.08	1.0.0.6	1.0.0.27	1.1	1.2	Update supported from P2.2.3 and P2.2.2
P2.2.3	May-08	MFSYS25 Only	1.3.100.20080527.11328	MFS5000SI	SB5000.86B.10.00.0043	1.30.3	1.23.07.00	6.18.01.00	1.24	2.91.140.45	1.03.0140.01	1.01.0140.08	1.0.0.6	1.0.0.25	1.1	1.2	Update supported from P.2.2.2 and P2.0.7
P2.2.2	May-08	MFSYS25 Only	1.3.100.20080516.11151	MFS5000SI	SB5000.86B.10.00.0043	1.30.3	1.23.07.00	6.18.01.00	1.24	2.91.140.45	1.03.0140.01	1.01.0140.08	1.0.0.6	1.0.0.25	1.1	1.2	Update supported from P2.0.7
P2.0.7	Jan-08	MFSYS25 Only	1.2.100.01242008.9431	MFS5000SI	SB5000.86B.10.00.0035	1.27.1	1.20.00.00	6.14.00.00	1.23	2.91.140.11	1.02.140.81	1.00.140.52	1.0.0.6	1.0.0.25	1.1	1.2	
P2.0.5	Nov-07	MFSYS25 Only	1.1.100.11132007.8633	MFS5000SI	SB5000.86B.10.00.0032	1.25.1	1.20.00.00	6.14.00.00	1.2	2.91.140.11	1.02.140.81	1.00.140.52	1.0.0.6	1.0.0.25	1.1	1.2	
P2.0	Oct-07	MFSYS25 Only	1.1.100.10302007.8260	MFS5000SI	SB5000.86B.10.00.0032	1.22.2	1.20.00.00	6.14.00.00	1.2	2.91.140.11	1.02.140.81	1.00.140.52	1.0.0.6	1.0.0.25	1.1	1.2	

<sup>1</sup> Naming convention change from Px.x to Vx.x. No change to UFU package structure.

UFU Version	UFU Release Date	Intel® Modular Server System	CMM GUI	Intel® Compute Module	BIOS	BMC	SAS FW	SAS Option ROM	EBF	Storage IOP	Storage Expander	Storage Redboot	ESM Boot Code	ESM FW	Fan Op Code	Fan Boot Block	Comments
P1.0	Oct-07	MFSYS25 Only	1.0.100.10012007.7372	MFS5000SI	SB5000.86B.10.00.0030	13.8	1.20.00.00	6.14.00.00	1.2	2.91.140.1	1.02.140.81	1.00.140.52	1.0.0.6	1.0.0.25	1.1	1.2	