



## Microsoft Update and PHP Update Monthly Notification

**Summary:** This notification contains information about Microsoft security updates released this month and approved for implementation on the ISM nStream and VaultStream platform. The only updates listed are those considered to be of a security or critical nature. Only the updates listed below have been validated with the nStream G3, nCareRX/MX, EasyLink Router, Thin Client, Status Board Engine, MedPresence Stand-Alone, All-In-One Client, and VaultStream systems.

Also included is information on the latest PHP updates that are approved for the v8.x and up VaultStream systems.

**Product:** nStreams, nCares, and Thin Clients connected to a network and VaultStream, as well as the Status Board Engine.

**Date:** December 12, 2018

**Critical Security Bulletins (Obtained from Microsoft):**

NOTE: Image Stream Medical **does not approve** MS updates **KB975560, KB975562, KB2631813 or KB2780091** and strongly suggests they be excluded from automatic update scenarios. Failure to exclude these updates will result in equipment performance issues.

**Approved Updates:**

September, October, November, and December 2018 Updates		
KB Number	Platform	Title
<b>nStream v5.4 Updates</b>		
KB4457144	nStream	2018-09 Security Monthly Quality Rollup for Windows 7 for x86-based Systems
KB4457918	nStream	2018-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7
KB890830	nStream	Windows Malicious Software Removal Tool - September 2018
KB3177467	nStream	2018-10 Update for Windows 7 for x86-based Systems
KB4462923	nStream	2018-10 Security Monthly Quality Rollup for Windows 7 for x86-based Systems
KB890830	nStream	Windows Malicious Software Removal Tool - October 2018
KB4467107	nStream	2018-11 Security Monthly Quality Rollup for Windows 7 for x86-based Systems
KB890830	nStream	Windows Malicious Software Removal Tool - November 2018
KB4471318	nStream	2018-12 Security Monthly Quality Rollup for Windows 7 for x86-based Systems
KB4471987	nStream	2018-12 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7
KB890830	nStream	Windows Malicious Software Removal Tool - December 2018
<b>VaultStream v5.3, 8.0.x, v9.0.x Updates</b>		
KB4457144	VaultStream	2018-09 Security Monthly Quality Rollup for Windows Server 2008 R2 for x64-based Systems
KB4457918	VaultStream	2018-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64
KB890830	VaultStream	Windows Malicious Software Removal Tool x64 - September 2018
KB3177467	VaultStream	2018-10 Update for Windows Server 2008 R2 for x64-based Systems
KB4462923	VaultStream	2018-10 Security Monthly Quality Rollup for Windows Server 2008 R2 for x64-based Systems

KB890830	VaultStream	Windows Malicious Software Removal Tool x64 - October 2018
KB4467107	VaultStream	2018-11 Security Monthly Quality Rollup for Windows Server 2008 R2 for x64-based Systems
KB890830	VaultStream	Windows Malicious Software Removal Tool x64 - November 2018
KB4471318	VaultStream	2018-12 Security Monthly Quality Rollup for Windows Server 2008 R2 for x64-based Systems
KB4471987	VaultStream	2018-12 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64
KB890830	VaultStream	Windows Malicious Software Removal Tool x64 - December 2018
<b>EasyLink Router v8.0 Updates</b>		
KB4462774	ELR v8.0	2018-08 Security Only Update for .NET Framework 4.0 on WES09 and POSReady 2009
KB4458006	ELR v8.0	2018-09 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4457046	ELR v8.0	2018-09 Security Only Update for .NET Framework 4.0 on WES09 and POSReady 2009
KB4457058	ELR v8.0	2018-09 Security Only Update for .NET Framework 3.0 on WES09 and POSReady 2009
KB4458318	ELR v8.0	2018-09 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4458000	ELR v8.0	2018-09 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4458003	ELR v8.0	2018-09 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4457163	ELR v8.0	2018-09 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4458001	ELR v8.0	2018-09 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4338381	ELR v8.0	2018-09 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4463361	ELR v8.0	2018-10 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4462935	ELR v8.0	2018-10 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4462987	ELR v8.0	2018-10 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4458008	ELR v8.0	2018-10 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4463103	ELR v8.0	2018-10 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4463545	ELR v8.0	2018-10 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4463573	ELR v8.0	2018-10 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4470198	ELR v8.0	2018-11 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4470118	ELR v8.0	2018-11 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4466388	ELR v8.0	2018-11 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4467689	ELR v8.0	2018-11 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4459091	ELR v8.0	Update for WES09 and POSReady 2009
KB4473077	ELR v8.0	2018-12 Security Update for WES09 and POSReady 2009 for x86-based Systems
KB4468323	ELR v8.0	Update for WES09 and POSReady 2009

KB4470490	ELR v8.0	2018-12 Security Only Update for .NET Framework 4.0 on WES09 and POSReady 2009
KB4470633	ELR v8.0	2018-12 Security Only Update for .NET Framework 3.5 SP1 on WES09 and POSReady 2009
KB4473078	ELR v8.0	2018-12 Security Update for WES09 and POSReady 2009 for x86-based Systems
<b>nCareRX v8.0 and v8.1, nCareMX/nStreamGX v8.0, v9.0, and Status Board Engine, 8.0 and v8.1 Updates</b>		
KB4346080	nCareRX/MX-SBE	2018-08 Preview of Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64 windows6.1-kb4342309-x64_2a17c5717b3e2a7112e58286a8db104ac2620ae5.msu
KB4457144	nCareRX/MX-SBE	2018-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems pciclearstalecache_7e856b95c514e1ec18de7263030237e8ef0160a8.exe
KB4457145	nCareRX/MX-SBE	2018-09 Security Only Quality Update for Windows Embedded Standard 7 for x64-based Systems
KB4457918	nCareRX/MX-SBE	2018-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64 windows6.1-kb4457044-x64_83ce67142af8ed4af2aabba31bc48c32c82d6e41.msu
		windows6.1-kb4019990-x64_35cc310e81ef23439ba0ec1f11d7b71dd34adfe5.msu
KB4457914	nCareRX/MX-SBE	2018-09 Security Only Update for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64 windows6.1-kb4457055-x64_05fcc5de8328add02c69b2bdd87f74c4db94656.msu
KB4463376	nCareMX-SBE	2018-09 Update for Windows Embedded Standard 7 for x64-based Systems
KB4458611	nCareRX/MX-SBE	2018-09 Preview of Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64 windows6.1-kb4457008-x64_02a6446f26bcd813e4a15ed97327398ce42beb6.msu
KB4462915	nCareRX/MX-SBE	2018-10 Security Only Quality Update for Windows Embedded Standard 7 for x64-based Systems
KB4459922	nCareRX/MX-SBE	2018-10 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64 windows6.1-kb4457008-x64_02a6446f26bcd813e4a15ed97327398ce42beb6.msu
KB3177467	nCareRX/MX-SBE	2018-10 Update for Windows Embedded Standard 7 for x64-based Systems
KB4462923	nCareRX/MX	2018-10 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems pciclearstalecache_f9e6352a8a36bd5304229012049c66ab267923f2.exe
KB4462500	nCareRX/MX-SBE	2018-10 Preview of Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64 windows6.1-kb4459934-x64_6b64103d45d78666b73d70a002c610f4d8d4c112.msu
KB4339284	nCareRX/MX-SBE	Update for Windows Embedded Standard 7 for x64-based Systems
KB4467240	nCareRX/MX-SBE	2018-11 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64
KB4467106	nCareRX/MX-SBE	2018-11 Security Only Quality Update for Windows Embedded Standard 7 for x64-based Systems
KB4467107	nCareRX/MX-SBE	2018-11 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems windows6.1-kb4467107-x64_1b77580629590e3fab05e08710e04be358a1f765.msu

		pciclearstalecache_d15d8557057c817e8ba136882c7bc92338d9f9ec.exe
KB4459934	nCareRX/MX-SBE	2018-11 Preview of Quality Rollup for .NET Framework 3.5.1 for Windows 7 and Server 2008 R2 for x64
KB4459945	nCareRX/MX-SBE	2018-11 Preview of Quality Rollup for .NET Framework 4.5.2 for Windows 7 and Server 2008 R2 for x64
KB4467224	nCareRX/MX-SBE	2018-11 Preview of Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64
		windows6.1-kb4459934-x64_6b64103d45d78666b73d70a002c610f4d8d4c112.msu
KB4467088	nCareRX/MX-SBE	2018-11 Preview of Quality Rollup for .NET Framework 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64
KB4468323	nCareRX/MX-SBE	Update for Windows Embedded Standard 7 for x64-based Systems
KB4471328	nCareRX/MX-SBE	2018-12 Security Only Quality Update for Windows Embedded Standard 7 for x64-based Systems
KB4471318	nCareRX/MX-SBE	2018-12 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems
		windows6.1-kb4471318-x64_b4c39ec96309b1e457d76f2294664b9068044d38.msu
		pciclearstalecache_894a9c0b14f6a67e7054494ea06e02fe55bd7513.exe
KB4471981	nCareRX/MX-SBE	2018-12 Security Only Update for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64
		windows6.1-kb4470600-x64_0b8e908773f4532c805a62d41f4d887f11589594.msu
KB4471987	nCareRX/MX-SBE	2018-12 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64
		windows6.1-kb4470641-x64_df7a93f4459c0da613526a80f751b801e19aa2ed.msu
KB4470500	nCareRX/MX-SBE	2018-12 Security Only Update for .NET Framework 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64
KB4470640	nCareRX/MX-SBE	2018-12 Security and Quality Rollup for .NET Framework 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 7 and Server 2008 R2 for x64
KB4470641	nCareRX/MX-SBE	2018-12 Security and Quality Rollup for .NET Framework 3.5.1 for Windows 7 and Server 2008 R2 for x64
KB4470493	nCareRX/MX-SBE	2018-12 Security Only Update for .NET Framework 4.5.2 for Windows 7 and Server 2008 R2 for x64
KB4470637	nCareRX/MX-SBE	2018-12 Security and Quality Rollup for .NET Framework 4.5.2 for Windows 7 and Server 2008 R2 for x64
KB4470600	nCareRX/MX-SBE	2018-12 Security Only Update for .NET Framework 3.5.1 for Windows 7 and Server 2008 R2 for x64
<b>HP Thin Client v8.0 and EasyLink Router v8.1 Updates</b>		
KB4457144	ThinClient v8.0-ELR v8.1	2018-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems
		pciclearstalecache_822d8bd1c49eb980976fd243f4dfdc39bca9210f.exe
KB4457145	ThinClient v8.0-ELR v8.1	2018-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems
KB4463376	ThinClient v8.0-ELR v8.1	2018-09 Update for Windows Embedded Standard 7 for x86-based Systems
KB4462915	ThinClient v8.0-ELR v8.1	2018-10 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems
KB3177467	ThinClient v8.0-ELR v8.1	2018-10 Update for Windows Embedded Standard 7 for x86-based Systems
KB4462923	ELR v8.1	2018-10 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems
		windows6.1-kb4462923-x86_6b5cbfdad6ad48284e5f5ff896edb030f5392949.msu
		pciclearstalecache_a5c75498c30e010de19880b4faaf647f0afc8add.exe

KB4467106	ThinClient v8.1	v8.0-ELR	2018-11 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems
KB4467107	ThinClient v8.1	v8.0-ELR	2018-11 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems
			pclearstalecache_f57dfdb003a2b9d38188766d510be68755670006.exe
			windows6.1-kb4467107-x86_5514e74cefbba86e8cd070906ab26e661aa56ca1.msu
KB4471328	ThinClient v8.1	v8.0-ELR	2018-12 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems
KB4471318	ThinClient v8.1	v8.0-ELR	2018-12 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems
			pclearstalecache_2946113d2195b264e55ef41297d5b53203c0196f.exe
			windows6.1-kb4471318-x86_bbbcd30c74c6b1eaf7585ef0fc124ffc18a11e3b.msu
<b>nCare MX v10.1.2</b>			
KB4478877	nCareMX		2018-11 Cumulative Update for Windows 10 Version 1607 for x64-based Systems
KB4471331	nCareMX		2018-12 Security Update for Adobe Flash Player for Windows 10 Version 1607 for x64-based Systems
KB4471321	nCareMX		2018-12 Cumulative Update for Windows 10 Version 1607 for x64-based Systems
KB4471321	nCareMX		2018-12 Delta Update for Windows 10 Version 1607 for x64-based Systems
<b>MedPresence Stand-Alone v9.0.x and All-In-One Client (works with v9.0.x and 10.x)</b>			
KB4483229	MedPresence-All-In-One		2018-12 Cumulative Update for Windows 10 Version 1607 for x64-based Systems
KB4091664	MedPresence-All-In-One		2018-09 Update for Windows 10 Version 1607 for x64-based Systems
KB4471321	MedPresence-All-In-One		2018-12 Delta Update for Windows 10 Version 1607 for x64-based Systems
KB4471331	MedPresence-All-In-One		2018-12 Security Update for Adobe Flash Player for Windows 10 Version 1607 for x64-based Systems
<b>ES4K v10.1.2 - BlizCon</b>			
KB4478877	BlizCon		2018-11 Cumulative Update for Windows 10 Version 1607 for x64-based Systems
KB4471331	BlizCon		2018-12 Security Update for Adobe Flash Player for Windows 10 Version 1607 for x64-based Systems
KB4471321	BlizCon		2018-12 Cumulative Update for Windows 10 Version 1607 for x64-based Systems
KB4462928	BlizCon		2018-10 Cumulative Update for Windows 10 Version 1607 for x64-based Systems
<b>ES4K v10.1.2 - nCareRX2</b>			
KB4478877	nCareRX2		2018-11 Cumulative Update for Windows 10 Version 1607 for x64-based Systems
KB4471331	nCareRX2		2018-12 Security Update for Adobe Flash Player for Windows 10 Version 1607 for x64-based Systems
KB4471321	nCareRX2		2018-12 Cumulative Update for Windows 10 Version 1607 for x64-based Systems
KB4462928	nCareRX2		2018-10 Cumulative Update for Windows 10 Version 1607 for x64-based Systems
<b>ES4K v10.0.x - LSSB2</b>			
KB4471321	LSSB2		2018-12 Delta Update for Windows 10 Version 1607 for x64-based Systems
KB4471331	LSSB2		2018-12 Security Update for Adobe Flash Player for Windows 10 Version 1607 for x64-based Systems

KB4478877	LSSB2	Cumulative Update for Windows 10 Version 1607 for x64-based Systems
<b>PHP Updates</b>		
5.6.39 and 7.1.25		

**For further questions concerning this notification please call Technical Support at (866) 376-6800.**