

# Migration from EDE to ARC-AMPE System and Communications Protection (SC) controls

**CMS** requirements for Direct Enrollment Entities

IAN WALTERS, PRINCIPAL
JESSICA PAYNE, CONSULTANT

# **Table of contents**

Purpose	2
Background	
Affordable Care Act	
Enhanced Direct Enrollment	3
CMS oversight	3
ARC-AMPE	4
Control mapping	
System and Communications Protection (SC)	5
References	14
Legal disclaimer	15

# **Purpose**

This white paper provides a guide for Direct Enrollment Entities (DEEs) to upgrade their Enhanced Direct Enrollment (EDE) System Security and Privacy Plans (SSPPs) to the Acceptable Risk Controls for ACA, Medicaid, and Provider Entities (ARC-AMPE).

Due to the substantial number of controls, and to facilitate ease of use, this white paper is one of a series of 20 which divides the ARC-AMPE by control family. This white paper addresses the System and Communication Protection controls.

ARC-AMPE Control Families			
Control Family	Number of Controls		
Access Control (This Document)	46		
Awareness and Training	9		
Audit and Accountability	18		
Assessment, Authorization, and Monitoring	12		
Configuration Management	25		
Contingency Planning	16		
Identification and Authentication	21		
Incident Response	15		
Maintenance	12		
Media Protection	8		
Physical and Environmental Protection	9		
Planning	6		
Program Management	5		
Personnel Security	8		
Personally Identifiable Information Processing and Transparency	10		
Risk Assessment	8		
System and Services Acquisition	18		
System and Communications Protection	28		
System and Information Integrity	30		
Supply Chain Risk Management	4		

Coalfire.com 2 / 16

# **Background**

### **Affordable Care Act**

The Affordable Care Act (ACA) revolutionized access to healthcare in the United States by establishing Health Insurance Marketplaces (HIMs). Enhanced Direct Enrollment (EDE) is an ACA innovation that allows third-party entities, such as insurers and web-brokers, to offer consumers a seamless application and enrollment experience directly through their platforms. This approach improves accessibility to the marketplace while maintaining compliance with federal regulations.

### **Enhanced Direct Enrollment**

Direct Enrollment (DE) is a service that allows approved Qualified Health Plan (QHP) issuers and third-party web-brokers (online insurance sellers) to enroll consumers in Exchange coverage, with or without the assistance of an agent/broker, directly from their websites.

The Enhanced Direct Enrollment (EDE) user experience goes well beyond the plan shopping and enrollment experience that is available via Classic DE. EDE is a service that allows approved EDE entities (e.g., QHP issuers and web-brokers approved to participate in EDE) to provide a comprehensive consumer experience including the eligibility application, Exchange enrollment, and post-enrollment year-round customer service capabilities for consumers and agents/brokers working on behalf of consumers, directly on issuer and web-broker websites. Through EDE, approved EDE Entities build and host a version of the HealthCare.gov eligibility application directly on their websites that securely integrates with a back-end suite of Federally Facilitated Exchanges (FFEs) application programing interfaces (APIs) to support application, enrollment and more.

Source: cms.gov

## **CMS** oversight

The Centers for Medicare & Medicaid Services (CMS) exercises oversight of DEEs, which are responsible for overseeing and managing marketplace operations to ensure compliance with federal regulations, safeguard consumer data, and maintain the integrity of the HIM. Key aspects of CMS's oversight include:

- Requiring DEEs to undergo rigorous audit processes, including demonstrating compliance with security and privacy control requirements.
- Enforcing strict data protection measures in the DE environment to ensure the confidentiality, integrity, and availability of consumer data and requiring entities to implement cybersecurity controls, conduct regular risk assessments, and submit independent security audits.
- Requiring DEEs to adhere to operational policies and procedures, such as providing accurate plan information, maintaining transparent consumer interactions, and facilitating HIM enrollment without bias.
- Requiring DEEs to report any data breaches or system incidents promptly and to take corrective actions as directed by CMS and the U.S. Department of Health and Human Services (HHS) Office for Civil Rights (OCR).
- Requiring DEEs to renew their Authority to Connect (ATC) annually, providing updated documentation and evidence of continued compliance with all requirements.

Through these oversight mechanisms, CMS ensures that DEEs in the healthcare.gov environment deliver secure, compliant, and user-friendly services, aligning with the ACA's mission to expand access to quality health coverage.

Coalfire.com 3 / 16

### **ARC-AMPE**

CMS published the ARC-AMPE for Direct Enrollment Entities (DEEs) Version 1.0 dated July 7<sup>th</sup>, 2025. This framework replaces the EDE security and privacy guidelines:

- ARC-AMPE Volume 1 contains high-level guidance, and Volume 2 has the minimum-level security and privacy controls
- ARC-AMPE Volume 2 is the new format for the SSPP for DEEs.
- The compliance date for DEEs is June 2026.

The minimum control baseline for ARC-AMPE DEE compliance consists of 308 controls which have been derived from the National Institute of Standards and Technology (NIST) Special Publication (SP) 800-53 Revision 5, "Security and Privacy Controls for Information Systems and Organizations."

The number of controls required for the mandatory baseline represents a significant increase from the EDE baseline (295 controls), and DEEs should be prepared for an increased level of effort for developing the SSPP and submitting more artifacts during audits.

Another major change is the format of the SSPP template. EDE used a Microsoft Word format whereas ARC-AMPE is an Excel spreadsheet.

# **Control mapping**

The mapping of the controls found in the EDE audit baseline (based on NIST SP 800-53 Revision 4) to their new locations in ARC-AMPE (based on NIST SP 800-53 Revision 5) are included in the table below. The table lists the EDE control directly compared with the ARC-AMPE equivalent control name, as applicable. The table also documents any new ARC-AMPE controls that do not have EDE equivalents, as well as those controls that have been combined or withdrawn for ARC-AMPE.

Note also that all references to NIST SP 800-53 Revision 5 included below are based on version 5.1.1, which was issued on November 7, 2023.

Coalfire.com 4 / 16

# **System and Communications Protection (SC)**

The set of controls in this family focus on how the Exchange shall: (1) monitor, control, and protect Exchange communications (i.e., information transmitted or received by Exchange IT systems) at the external boundaries and key internal boundaries of the IT systems; and (2) employ architectural designs, software development techniques, and systems engineering principles that promote effective IS within Exchange IT systems.

EDE	ARC-AMPE	
Control System and Communications Protection Policy and Procedures	Control Policy and Procedures	
<ul> <li>SC-1: System and Communications Protection Policy and Procedures</li> <li>The organization: <ul> <li>a. Develops, documents, and disseminates to applicable personnel:</li> <li>1. A system and communications protection policy that addresses purpose, scope, roles, responsibilities, management commitment, coordination among organizational entities, and compliance; and</li> <li>2. Procedures to facilitate the implementation of the system and communications protection policy and associated system and communications protection controls; and</li> <li>b. Reviews and updates (as necessary) the current:</li> <li>1. System and communications protection policy within every three (3) years; and</li> <li>2. System and communications protection procedures within every three (3) years.</li> </ul> </li> </ul>	<ul> <li>a. Develop, document, and disseminate to organization-defined personnel and roles:</li> <li>1. Organization-level system and communications protection policy that: <ul> <li>(a) Addresses purpose, scope, roles, responsibilities, management commitment, coordination among organizational entities, and compliance; and</li> <li>(b) Is consistent with applicable laws, Executive Orders, directives, regulations, policies, standards, and guidelines, and</li> </ul> </li> <li>2. Procedures to facilitate the implementation of the system and communications protection policy and associated system and communications protection controls;</li> <li>b. Designate an organization-defined official to manage the deployment, documentation, and dissemination of the system and communications protection policy and procedures; and</li> <li>c. Review and update (as necessary) the current system and communications protection:</li> <li>1. Policy at least every one (1) year and following organization-defined events; and</li> <li>2. Procedures at least every (1) year and following organization-defined events.</li> </ul>	
Control Application Partitioning	Control Separation of System and User Functionality	
a. The information system separates user functionality (including user interface services) from information system management functionality.  b. In any situation where personally identifiable information (PII) is present, PII must be stored on a logical or physical partition separate from the applications and software partition.	SC-02: Separation of System and User Functionality Separate user functionality, including user interface services, from system management functionality.	
Control Information in Shared Resources	Control Information in Shared System Resources	
SC-4: Information in Shared Resources The information system prevents unauthorized and unintended information transfer via shared system resources.  Implementation Standards	SC-04: Information in Shared System Resources Prevent unauthorized and unintended information transfer via shared system resources.	

Coalfire.com 5 / 16

	EDE		ARC-AMPE
intentio remnan informa system 2. Ensure more us	that users of shared system resources cannot nally or unintentionally access information ts, including encrypted representations of tion, produced by the actions of a prior user or process acting on behalf of a prior user. that system resources shared between two (2) or sers are released back to the information system protected from accidental or purposeful		ARC-AWIFE
Control	Denial of Service Protection	Control	Denial-of-Service Protection
The information the types of do 61, Computer following webs (defined in the SAN Nowwown NIST http:	of Service Protection on system protects against or limits the effects of enial of service attacks defined in NIST SP 800-Security Incident Handling Guide, and the sites by employing defined security safeguards applicable system security plan): IS Organization: www.sans.org/dosstep; IS Organization's Roadmap to Defeating DDoS: v.sans.org/dosstep; and I National Vulnerability Database: ///nvd.nist.gov/cvss.cfm.  Ion Standards ion defines a list of types of denial of service ding but not limited to flooding attacks and attacks) or provides a reference to source for	SC-05: Denial-of-Service Protection  a. Protect against the effects of the following denial-of-service event types: at a minimum, Internet Control Message Protocol (ICMP) flood, SYN flood, slowloris, buffer overflow attack, and volume attack; and  b. Employ the following controls to achieve the denial-of-service objective: organization-defined controls by type denial-of-service event.	
Control	Resource Availability	Control	N/A
The information	rce Availability on system protects the availability of resources by ources by priority and/or quota.	Withdrawn	from the minimum baseline.
Control	Boundary Protection	Control	Boundary Protection
The information  a. Monitor bounds at key in b. Implem compor organiz  c. Connect only thr protecti organiz  Implementation  1. Ensure	ary Protection on system: s and controls communications at the external ry, both physically and logically, of the system and internal boundaries within the system; ents subnetworks for publicly accessible system inents that are logically separated from internal ational networks; and its to external networks or information systems ough managed interfaces consisting of boundary on devices arranged in accordance with an ational security architecture.  Ion Standards that access to all proxies is denied, except for osts, ports, and services that are explicitly	SC-07: Boundary Protection  a. Monitor and control communications at the externa managed interfaces to the system and at key intermanaged interfaces within the system;  b. Implement subnetworks for publicly accessible syst components that are logically separated from intermorganizational networks; and  c. Connect to external networks or systems only through managed interfaces consisting of boundary protection devices arranged in accordance with an organization security and privacy architecture.	

Coalfire.com 6 / 16

	EDE		ARC-AMPE
2.	Utilize stateful inspection/application firewall hardware and software.		
3.	Utilize firewalls from at least two (2) or more different vendors at the various levels within the network to reduce the possibility of compromising the entire network.		
4.	If the system has an outward facing Web or email presence to the public internet, the organization must implement and support a technical capability to detect malware in web traffic traversing the organization's boundary by:  a. Monitoring assets without the need to deploy		
	software agents (zero client footprint);  b. Dynamically generating actionable malware intelligence;		
	c. Detecting and stopping web-based and email attacks; and		
	<ul> <li>Sending alert data to the organization's security information event management (SIEM) system.</li> </ul>		
5.	Aggregated boundary protection device information must be searchable by the organization:		
	<ul> <li>Information is provided to the organization in a format compliant with organization (e.g., Continuous Diagnostics and Mitigation) requirements;</li> </ul>		
	<ul> <li>Information sources include boundary protection systems, appliances, devices, services, and applications; and</li> </ul>		
	c. Organization directed aggregated boundary protection device information collection rules/requests (e.g., sources, queries, data calls) must be implemented/provided within the timeframe specified in the request.		
6.	As required by the organization, raw boundary protection device information from relevant automated tools must be available in an unaltered format to the organization.		
Con	trol Access Points	Control	Access Points
SC-7 (3): Access Points  The organization limits the number of external network connections to the information system.		\ '	Access Points mber of external network connections to the system.
Con	trol External Telecommunications Services	Control	External Telecommunications Services
	organization: Implements a managed interface for each external telecommunication service; Establishes a traffic flow policy for each managed interface; Protects the confidentiality and integrity of the information transmitted across each interface; Documents each exception to the traffic flow policy with a supporting mission/business need and duration of that need; and Reviews exceptions to the traffic flow policy within every three hundred sixty-five (365) days or implementation of a major new system, and removes exceptions that are no longer supported by an explicit mission/business need.	supporting mission or business need and duration of the need;  e. Review exceptions to the traffic flow policy within every one (1) year or whenever there is a change in the threat environment that warrants a review of the exceptions a	

Coalfire.com 7 / 16

	EDE		ARC-AMPE
		with e g. Public unaut and	ent unauthorized exchange of control plane traffic external networks; sh information to enable remote networks to detect thorized control plane traffic from internal networks; unauthorized control plane traffic from external orks.
Control	Deny by Default/Allow by Exception	Control	Deny By Default — Allow By Exception
SC-7 (5): Deny by Default/Allow by Exception  The information system at managed interfaces denies network communications traffic by default and allows network communications traffic by exception (i.e., deny all, permit by exception).		SC-07(05): Deny By Default — Allow By Exception  Deny network communications traffic by default and allow network communications traffic by exception: at managed interfaces as documented in the applicable System Security and Privacy Plan (SSPP).	
Control	Prevent Split Tunneling for Remove Drivers	Control	Split Tunneling for Remote Devices
The information prevents the connon-remote conner-remote connon-remote c	SC-7 (7): Prevent Split Tunneling for Remove Drivers  The information system, in conjunction with a remote device, prevents the device from simultaneously establishing non-remote connections with the system and communicating via some other connection to resources in external networks.		Split Tunneling for Remote Devices it tunneling for remote devices connecting to nal systems unless the split tunnel is securely using organization-defined security safeguards.
Control	Route Traffic to Authenticated Proxy Servers	Control	Route Traffic to Authenticated Proxy Servers
SC-7 (8): Route Traffic to Authenticated Proxy Servers  The information system routes all user-initiated internal communications traffic to untrusted external networks through authenticated proxy servers at managed interfaces.  Implementation Standard  The organization defines the internal communications traffic to be routed by the information system through authenticated proxy servers and the external networks that are the prospective destination of such traffic routing.		Route organ	Route Traffic to Authenticated Proxy Servers nization-defined internal communications traffic to n-defined external networks through authenticated ers at managed interfaces.
Control	Host-Based Protection	Control	Host-Based Protection
SC-7 (12): Host-Based Protection  The organization implements defined, host-based boundary protection mechanisms at defined information system components, including servers, workstations, and mobile devices.		Implement I	Host-Based Protection Host Intrusion Prevention System (HIPS), Host etection System (HIDS), or at a minimum a firewall at organization-defined system components.
Control	Isolation of Security Tools	Control	N/A
The organizat mechanisms, and security a mechanisms,	blation of Security Tools ion defines key information security tools, and support components associated with system dministration; and isolates those tools, and support components from other internal stem components via physically or logically nets	Withdrawn	from the minimum baseline.

Coalfire.com 8 / 16

EDE		ARC-AMPE	
Control	Fail Secure	Control Fail Secure	
SC-7 (18): Fail Secure  The information system fails securely in the event of an operational failure of a boundary protection device.		SC-07(18): Fail Secure  Prevent systems from entering unsecure states in the event of an operational failure of a boundary protection device.	
Control	N/A	Control	Boundary Protection   Personally Identifiable Information
New NIST SP AMPE	800-53 Rev. 5 Control and applicable to ARC-	SC-07(24): Boundary Protection   Personally Identifiable Information  For systems that process Personally Identifiable Information (PII):  a. Apply the following processing rules to data elements of PII: processing rules for compliance with ACA, Privacy Act, and other applicable PII processing laws and regulations.  b. Monitor for permitted processing at the external interfact to the system and at key internal boundaries within the system;  c. Document each processing exception; and  d. Review and remove exceptions that are no longer supported.	
Control	N/A	Control	Boundary Protection   Separate Subnets to Isolate Functions
New NIST SP 800-53 Rev. 5 Control and applicable to ARC-AMPE		SC-07(29): Boundary Protection   Separate Subnets to Isolate Functions Implement physically or logically separate subnetworks to isolate organization-defined critical system components and functions.	
Control	Transmission Confidentiality and Integrity	Control	Transmission Confidentiality and Integrity
SC-8: Transmission Confidentiality and Integrity  The information system protects the confidentiality and integrity of transmitted information. Any transmitted data containing sensitive information must be encrypted using a FIPS 140-2 validated module (see SC-13).			nsmission Confidentiality and Integrity confidentiality and integrity of transmitted
Control	Cryptographic or Alternate Physical Protection	Control	Cryptographic Protection
SC-8 (1): Cryptographic or Alternate Physical Protection The information system implements cryptographic mechanisms to prevent unauthorized disclosure of information and detect changes to information during transmission unless otherwise protected by approved alternative safeguards and defined in the applicable system security plan and Information System Risk Assessment.		Implement of	Cryptographic Protection cryptographic mechanisms to prevent unauthorized of information and detect changes to information smission.

Coalfire.com 9 / 16

EDE			ARC-AMPE
used to prote	d encryption or protected distribution systems are ct PII to ensure the information's confidentiality during transmission.		
Control	Pre/Post Transmission Handling	Control	Pre- and Post-Transmission Handling
SC-8 (2): Pre/Post Transmission Handling The information system maintains the confidentiality and integrity of information during preparation for transmission and during reception.		Maintain the	Pre- and Post-Transmission Handling e confidentiality and integrity of information during for transmission and during reception.
Control	Network Disconnect	Control	Network Disconnect
The information a. Termination commusion a. Termination a. The information a. The information a. The information a. Long rule.	ork Disconnect on system: ates the network connection associated with a inications session at the end of the session, or: rcibly de-allocates communications session namic Host Configuration Protocol (DHCP) leases er seven (7) days; and rcibly disconnects inactive VPN connections after tty (30) minutes or less of inactivity; and ates or suspends network connections (i.e., a -to-system interconnection) upon issuance of an y the organization's Chief Information Officer Chief Information Security Officer (CISO), or Official for Privacy (SOP).  ion Standards ormation system terminates the network tion associated with a communications session at a of the session, or after thirty (30) minutes for all ased sessions and thirty (30) to sixty (60) minutes -interactive users, of inactivity. Inning batch jobs and other operations are not to this time limit.	SC-10: Network Disconnect  a. Terminate the network connection associated with a communications session at the end of the session or after thirty (30) minutes for privileged sessions and no longer than sixty (60) minutes for general user sessions of	
Control	Cryptographic Key Establishment and Management	Control	Cryptographic Key Establishment and Management
SC-12: Cryptographic Key Establishment and Management When cryptography is required and used within the information system, the organization establishes and manages cryptographic keys for required cryptography employed within the information system in accordance with defined organizational requirements (defined in, or referenced by, the applicable security plan) for key generation, distribution, storage, access, and destruction.		Establish ar employed w key manage	ptographic Key Establishment and Management and manage cryptographic keys when cryptography is vithin the system in accordance with the following ement requirements: organization-defined ts for key generation, distribution, storage, access, tion.
Control	Symmetric Keys	Control	N/A
The organizat	rmmetric Keys tion produces, controls, and distributes symmetric keys using NIST FIPS-compliant key technology and processes.	Withdrawn from the minimum baseline.	

Coalfire.com 10 / 16

EDE			ARC-AMPE
Control	Cryptographic Protection	Control Cryptographic Protection	
The information transit and Validation Prohittp://csrc.nis/accordance/w	ographic Protection on system implements cryptographic mechanisms, at rest, validated under the Cryptographic Module ogram (see t.gov/groups/STM/cmvp/validation.html) and in with applicable federal laws, directives, policies, and standards.		
Control	Public Key Infrastructure Certificates	Control	Public Key Infrastructure Certificates
The organizate appropriate co	c Key Infrastructure Certificates tion issues public key certificates under an ertificate policy or obtains public key certificates oved service provider.	SC-17: Public Key Infrastructure Certificates     a. Issue public key certificates under an appropriate certificate policy or obtain public key certificates from approved service provider; and     b. Include only approved trust anchors in trust stores or certificate stores managed by the organization.	
Control	Mobile Code	Control	Mobile Code
b. Establis guidand technol		b. Authorize, monitor, and control the use of mobile co within the system.	
Control	Voice Over Internet Protocol	Control	N/A
The organizate explicitly authorized explicit explicitly authorized explicitly authorize	e Over Internet Protocol tion prohibits the use of VoIP technologies, unless orized, in writing, by the CIO or his/her designated e. If VoIP is authorized, the organization: shes usage restrictions and implementation be for VoIP technologies based on the potential to damage to the information system if used usly; zes, monitors, and controls the use of VoIP within rimation system; and so VoIP equipment used to transmit or discuss the information is protected with organization's 40-2 validated module) encryption requirements.		
Control	Secure Name/Address Resolution Service	Control	Secure Name/Address Resolution Service (Authoritative Source)
The information a. Provide integrity name r	re Name/Address Resolution Service on system: es additional data origin authentication and y verification artifacts along with the authoritative esolution data the system returns in response to all name/address resolution queries; and	(Authoritat  a. Provide verification resolution (Authoritation (Au	cure Name/Address Resolution Service ive Source) de additional data origin authentication and integrity cation artifacts along with the authoritative name ution data the system returns in response to external standards resolution queries; and

Coalfire.com 11 / 16

	EDE		ARC-AMPE
zones a service parent	Provides the means to indicate the security status of child zones and (if the child supports secure resolution services) to enable verification of a chain of trust among parent and child domains when operating as part of a distributed, hierarchical namespace.		de the means to indicate the security status of child is and (if the child supports secure resolution ces) to enable verification of a chain of trust among int and child domains, when operating as part of a couted, hierarchical namespace.
Control	Secure Name/Address Resolution Service	Control	Secure Name/Address Resolution Service (Recursive or Caching Resolver)
SC-21: Secure Name/Address Resolution Service The information system requests and performs data origin authentication and data integrity verification on the name/address resolution responses the system receives from authoritative sources.		(Recursive Request an integrity ver	cure Name/Address Resolution Service or Caching Resolver) d perform data origin authentication and data iffication on the name/address resolution responses receives from authoritative sources.
Control	Architecture and Provisioning for Name/Address Resolution Service	Control	Architecture and Provisioning for Name/Address Resolution Service
SC-22: Architecture and Provisioning for Name/Address Resolution Service  The information systems that collectively provide name/address resolution service for an organization are fault tolerant and implement internal/external role separation.		SC-22: Architecture and Provisioning for Name/Address Resolution Service Ensure the systems that collectively provide name/address resolution service for an organization are fault-tolerant and implement internal and external role separation.	
Control	Session Authenticity	Control	Session Authenticity
SC-23: Session Authenticity  The information system protects the authenticity of communications sessions.		SC-23: Session Authenticity  Protect the authenticity of communications sessions.	
Control	Fail in Known State	Control	N/A
SC-24: Fail in Known State  The information system fails to a known secure state for all failures preserving the maximum amount of state information in failure.		Moved to C	P-10 System Recovery and Reconstitution
Control	Protection of Information at Rest	Control	Protection of Information At Rest
The information of information a. The information b. Instance client domeets for the information of the info	cation of Information at Rest on system protects the confidentiality and integrity at rest.  ormation system enforces encryption of the e (container) image files under the hypervisor: e (container) image files from virtual server and eployments must be encrypted in a manner that EIPS 140-2 validated requirements.  cion Standard on system supports the capability to use e mechanisms to protect information at rest.		tection of Information At Rest confidentiality and integrity of all information at rest.

Coalfire.com 12 / 16

	EDE		ARC-AMPE
Control	N/A	Control	Cryptographic Protection
Existing NIST	SP 800-53 Rev.4 control and new to ARC-AMPE.	Implement of disclosure a	Cryptographic Protection cryptographic mechanisms to prevent unauthorized and modification of all organization- rmation at rest.
Control	Electronic Mail	Control	N/A
Controls shal that is sent vi  Implementat  1. Email an informati organiza 140-2 va  2. Passwor additional lieu of er  3. Passwor the same separate to the recother out  4. Multifact	Electronic Mail I be implemented to protect sensitive information a email.  ion Standards I dany attachment that contains sensitive on when transmitted inside and outside of the tion premises shall be encrypted using a FIPS didated encryption solution: I d protection of files is recommended to add an all layer of data protection but shall not be used in ncryption solutions. I d and/or encryption key shall not be included in the email that contains sensitive information or in the email. Password/encryption key shall be provided cipient separately via text message, verbally, or the formation is recommended before being access to the organization email.		from the minimum baseline but should still be a best practice.

Coalfire.com 13 / 16

# References

NIST SP 800-53 Revision 5.1.1

NIST SP 800-53 Revision 4

**CMS Standards** 

Coalfire.com 14 / 16

# Legal disclaimer

This white paper is provided by Coalfire Systems, Inc. or its subsidiaries ("Coalfire") for informational purposes only. This white paper is the property of Coalfire and is protected by U.S. and international copyright laws. Unauthorized use, reproduction, or distribution of this white paper, in whole or in part, is strictly prohibited. Factual information included in this white paper has been taken from sources that Coalfire believes to be reliable, but its accuracy, completeness, or interpretation cannot be guaranteed. Information is current as of the date of this white paper only and is subject to change without notice. This white paper is provided "as-is" with no warranties, including any warranty of merchantability, fitness for a particular purpose, and non-infringement. Coalfire expressly disclaims all liability arising from or relating to the use of any information or material included in this white paper for any purpose, including any actions taken or not taken based on the contents of this white paper. You are solely responsible for making your own independent assessment of the information in this white paper and for the development, implementation, and execution of your information security program. For questions regarding any legal or compliance matters referenced in this white paper, you should consult your legal counsel, security advisor, or the relevant standard authority.

**Coalfire.com** 15 / 16

### About the authors

Ian Walters, Principal

lan is a seasoned cybersecurity professional with a wealth of experience across a spectrum of frameworks and standards, including NIST SP 800-53, HIPAA, ISO 27001, ISO 20000, and ISO 9001.

With a meticulous eye for detail and a strategic mindset, lan excels in developing tailored solutions to ensure compliance and mitigate risks within complex organizational environments. His expertise extends to leading audits and risk assessments, as well as providing advisory for driving continuous improvement initiatives to enhance cybersecurity posture and operational resilience.

Jessica Payne, Consultant

Jessica joined Coalfire in 2024 with five prior years of cybersecurity consulting experience. She supports our clients as a Consultant for the GRC Healthcare team where she specializes in cybersecurity risk management, cybersecurity program advisory, and compliance for the healthcare industry.

Her extensive experience in cybersecurity consulting allows her to provide customized solutions and guidance on industry bestpractices, greatly improving client security postures and ensuring compliance with regulatory standards. She is dedicated to ongoing improvement and to staying abreast of the latest cybersecurity trends and technologies to offer innovative solutions to her clients.

### **About Coalfire**

The world's leading technology infrastructure providers, SaaS companies, and enterprises – including the top 5 cloud service providers and 8 of the top 10 SaaS businesses – rely on Coalfire to strengthen their security posture and secure their digital transformations. As the largest firm dedicated to cybersecurity, Coalfire delivers a comprehensive suite of advisory and managed services, spanning cyber strategy and risk, cloud security, threat and vulnerability management, application security, privacy, and compliance management. A proven leader in cybersecurity for the past 20 years, Coalfire combines extensive cloud expertise, advanced technology, and innovative approaches that fuel success. For more information, visit Coalfire.com.

Copyright © 2025 Coalfire. All rights reserved. The information in this document is subject to change at any time based on revisions to applicable regulations and standards. Any forward-looking statements are not predictions and are subject to change without notice. Coalfire is not responsible for any errors or omissions.

WP ACA CMS Controls Migration (System and Communication Protection (SC) 07142025

Coalfire.com 16 / 16