

NIST IR 8477-Based Set Theory Relationship Mapping (STRM)

Reference Document: Secure Controls Framework (SCF) version 2026.1
STRM Guidance: <https://securecontrolsframework.com/start-here/set-theory-relationship-mapping-strm/>

Focal Document: FAR 52.204-27 - Prohibition on a ByteDance Covered Application
Focal Document URL: <https://www.acquisition.gov/far/52.204-27>
Published STRM URL: <https://content.securecontrolsframework.com/strm/scf-strm-usa-federal-far-52-204-27.pdf>

FDE #	FDE Name	Focal Document Element (FDE) Description	STRM Rationale	STRM Relationship	SCF Control	SCF #	Secure Controls Framework (SCF) Control Description	Strength of Relationship	Notes
52.204-27	Prohibition on a ByteDance Covered Application	As prescribed in 4.2.203, insert the following clause: Prohibition on a ByteDance Covered Application (Jun 2023)	Functional	No Relationship	N/A	N/A	N/A	0	No applicable SCF control
52.204-27(a)	Definitions	See FDE for details.	Functional	No Relationship	N/A	N/A	N/A	0	No applicable SCF control
52.204-27(b)	Prohibition	Section 102 of Division R of the Consolidated Appropriations Act, 2023 (Pub. L. 117-328), the No TikTok on Government Devices Act, and its implementing guidance under Office of Management and Budget (OMB) Memorandum M-23-13, dated February 27, 2023, "No TikTok on Government Devices" Implementation Guidance, collectively prohibit the presence or use of a covered application on executive agency information technology, including certain equipment used by Federal contractors. The Contractor is prohibited from having or using a covered application on any information technology owned or managed by the Government, or on any information technology used or provided by the Contractor under this contract, including equipment provided by the Contractor's employees; however, this prohibition does not apply if the Contracting Officer provides written notification to the Contractor that an exception has been granted in accordance with OMB Memorandum M-23-13.	Functional	Subset Of	Prohibited Equipment & Services	AST-17	Mechanisms exist to govern Supply Chain Risk Management (SCRM) sanctions that require the removal and prohibition of certain Technology Assets, Applications and/or Services (TAAS) that are designated as supply chain threats by a statutory or regulatory body.	10	
52.204-27(c)	Subcontracts	The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts, including subcontracts for the acquisition of commercial products or commercial services.	Functional	Intersects With	Third-Party Contract Requirements	TPM-05	Mechanisms exist to require contractual requirements for applicable security, compliance and resilience requirements with third-parties, reflecting the organization's needs to protect its Technology Assets, Applications, Services and/or Data (TAAS).	8	
52.204-27(c)	Subcontracts	The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts, including subcontracts for the acquisition of commercial products or commercial services.	Functional	Intersects With	Contract Flow-Down Requirements	TPM-05.2	Mechanisms exist to ensure applicable security, compliance and resilience requirements are included in contracts that flow-down to applicable sub-contractors and suppliers.	8	