

NAPCS Product List for NAICS 5112, 518 and 54151: Software Publishers, Internet Service Providers, Web Search Portals, and Data Processing Services, and Computer Systems Design and Related Services

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		
			Can	Méx	US	Title	Definition	NAICS Industries Producing the Product
5112 518 54151	1.1	X				Information technology (IT) technical consulting services	Providing advice or expert opinion on technical matters related to the use of information technology. Includes: • advice on matters such as hardware and software requirements and procurement, systems integration, and systems security. • providing expert testimony on IT related issues. Excludes: • advice on issues related to business strategy, such as advising on developing an e-commerce strategy, is in product 2.3, Strategic management consulting services. • advice bundled with the design and development of an IT solution (web site, database, specific application, network, etc.) is in the products under 1.2, Information technology (IT) design and development services.	511210 518111 518210 54151 54161
5112 518 54151	1.2					Information technology (IT) design and development services	Providing technical expertise to design and/or develop an IT solution such as custom applications, networks, and computer systems.	511210 518111 518210 54151
5112 518 54151	1.2.1					Custom software application design and development services	Designing the structure and/or writing the computer code necessary to create and/or implement a software application.	511210 518111 518210 54151
5112 518 54151	1.2.1.1	X				Web site design and development services	Designing the structure and content of a web page and/or of writing the computer code necessary to create and implement a web page. Excludes: • design and development of a web page bundled with the hosting of the web page is in the products under 1.3.1, Web site hosting services.	511210 518111 518210 54151

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5112 518 54151	1.2.1.2	X				Database design and development services	Designing the structure and content of a database and/or of writing the computer code necessary to create and implement a database (data warehouse). Excludes: • design and development of a database bundled with the on-going management of the data holdings is in product 1.3.6, Data management services.	511210 518210 54151
5112 518 54151	1.2.1.3	X				Custom programming services, except web sites, database, and packaged software integration	Designing the structure and writing the computer code as necessary to design, develop, and implement a custom software application, other than programming for web-sites, databases, or packaged software integration.	511210 518111 518112 518210 54151
5112 518 54151	1.2.1.4	X				Customization and integration of packaged software	Adapting (modifying, configuring, etc.) and installing an existing application so that it is functional within the clients' information system environment. May include custom programming and training. Excludes: • customization and integration of packaged software bundled with the hosting and management of the application on an on-going basis is in products under 1.3, Hosting and information technology (IT) infrastructure provisioning services.	511210 518111 518210 54151
5112 518 54151	1.2.1.4.1			X	X	Customization and integration of cross-industry applications	Adapting (modifying, configuring, etc.) and installing an existing cross-industry application so that it is functional within the clients' information system environment. May include custom programming and training. Excludes: • customization and integration of packaged software bundled with the hosting and management of the application on an on-going basis is in products under 1.3, Hosting and information technology (IT) infrastructure provisioning services.	511210 518111 518210 54151

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5112 518 54151	1.2.1.4.2			X	X	Customization and integration of vertical-market applications	<p>Adapting (modifying, configuring, etc.) and installing an existing vertical market application so that it is functional within the clients' information system environment. May include custom programming and training.</p> <p>Excludes:</p> <ul style="list-style-type: none"> customization and integration of packaged software bundled with the hosting and management of the application on an on-going basis is in products under 1.3, Hosting and information technology (IT) infrastructure provisioning services. 	511210 518111 518210 54151
5112 518 54151	1.2.1.4.3			X	X	Customization and integration of other packaged software	<p>Adapting (modifying, configuring, etc.) and installing an existing application (except vertical market or cross-industry application) so that it is functional within the clients' information system environment. May include custom programming and training.</p> <p>Excludes:</p> <ul style="list-style-type: none"> customization and integration of packaged software bundled with the hosting and management of the application on an on-going basis is in products under 1.3, Hosting and information technology (IT) infrastructure provisioning services. customization and integration of cross-industry applications is in product 1.2.1.4.1, Customization and integration of cross-industry applications. customization and integration of vertical-market applications is in product 1.2.1.4.2, Customization and integration of vertical-market applications. 	511210 518111 518210 54151
5112 518 54151	1.2.2					Network design and development services	<p>Designing, developing and implementing a customer's networks such as Intranets, Extranets and Virtual Private Networks.</p> <p>Includes</p> <ul style="list-style-type: none"> design and development of network security systems. <p>Excludes:</p> <ul style="list-style-type: none"> network design and development services bundled with the day-to-day management of the client's network are in product 1.4.1, Network management services. 	517110 518111 518210 54151 54121

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5112 518 54151	1.2.2.1	X				Network security design and development services	Designing, developing and implementing software, hardware and procedures to control access to data and programs and to allow for the safe exchange of information over a network.	517110 518111 518210 54151 54121
5112 518 54151	1.2.2.2	X				Network design and development services, except security	Designing, developing and implementing customer's networks such as Intranets, Extranets and Virtual Private Networks. Excludes • network design and development services bundled with the day-to-day management of the client's network are in product 1.4.1, Network management services.	517110 518111 518210 54151 54121
5112 518 54151	1.2.3					Computer systems design, development and integration services	Assessing an organization's computer requirements, advising on hardware and software acquisitions, developing system specifications and either putting the new system in place or providing the client with the necessary specifications to put the new system in place, and providing training and support services to enable the client to use the computerized accounting system. Includes product 1.3.1 on 5412 list.	518210 54151 54121
5112 518 54151	1.2.3.1	X				Computer systems design services	Assessing an organization's computer requirements, advising on hardware and software acquisitions, and providing the client with the specifications necessary to put the system in place. Includes: • consulting and training services bundled with this service. Excludes: • computer system consulting services sold separately are in product 1.1, Information technology (IT) technical consulting services.	54151 54121

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5112 518 54151	1.2.3.2	X				Computer systems design and development services	Assessing an organization's computer requirements, advising on hardware and software acquisitions, developing system specification and putting the new system in place.	54151 54121
5112 518 54151	1.2.3.3	X				Computer systems integration services	Analyzing the client's current computer system and its present and future computing requirements; purchasing new computer equipment as necessary; developing or modifying software; and packaging software and hardware to create an integrated system designed for specific applications.	518210 54151 54121
5112 518 54151	1.3					Hosting and information technology (IT) infrastructure provisioning services	Providing information technology (IT) infrastructure (hardware, software, and networks) to process data, host applications and host processes for a client.	518111 518210 54151
5112 518 54151	1.3.1					Web site hosting services	Providing the infrastructure to host a customer's web site and related files in a location that provides fast, reliable connection to the Internet.	518111 518210 54151
5112 518 54151	1.3.1.1	X				Web site hosting services (without integration of related applications)	Providing the infrastructure to host a customer's web site and related files in a location that provides fast, reliable connection to the Internet. The service is limited to storage on a single server, in either shared or dedicated capacity, without the service provider managing or integrating software applications. Software hosted on the server is the client's responsibility. Service level guarantees are standardized and limited in scope.	518111 518210 54151
5112 518 54151	1.3.1.2	X				Web site hosting services with integration of related applications	Providing a bundled service package that consists of the hosting and management of the web site and related applications. An important characteristic of this service is the promise of a secure and reliable site and Internet connections that can be quickly scaled to accommodate variations in traffic use. Package frequently includes consulting, customization and systems integration services. Applications are frequently E-commerce related and enable on-line storefronts, shopping carts and catalogs with advanced and complex features such as order processing, fulfillment, procurement, invoicing, transaction processing, customer relational management and back-end database and data warehouse integration and migration services.	518210 54151

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5112 518 54151	1.3.2					Application service provisioning	Providing leased software applications from a centralized, hosted, and managed computing environment.	518210 54151
5112 518 54151	1.3.2.1	X				Application service provisioning with integration services	Providing leased software applications from a centralized, hosted, and managed computing environment with integration to the systems and infrastructure of the client. Consulting, customization and systems integration services are frequently bundled with the hosting and management of the application.	518210 54151
5112 518 54151	1.3.2.2	X				Application service provisioning without integration services	Providing leased software applications from a centralized, hosted, and managed computing environment where the leased application is not customized and not integrated with other applications of the client. The application is usually accessed over the word-wide web. A common example is office suite software applications.	518210 54151
5112 518 54151	1.3.3					Business process management services	Providing a bundled service package that combines information-technology-intensive services with labor (manual or professional depending on the solution), machinery, and facilities to support, host and manage a business process for a client.	518210 54161
5112 518 54151	1.3.3.1	X				Business process management services, financial	Providing a bundled service package that combines information-technology-intensive services with labor (manual or professional depending on the solution), machinery, and facilities to support, host and manage a financial business process for a client, such as financial transaction processing, credit card processing, payment services, and lending services.	518210 54161
5112 518 54151	1.3.3.2	X				Business process management services, human resources	Providing a bundled service package that combines information-technology-intensive services with labor (manual or professional depending on the solution), machinery, and facilities to support, host and manage a human resource business process for a client, such as benefits administration, payroll processing, and personnel administration.	518210 54161
5112 518 54151	1.3.3.3	X				Business process management services, supply-chain management	Providing a bundled service package that combines information-technology-intensive services with labor (manual or professional depending on the solution), machinery, and facilities to support, host and manage a supply chain management business process for a client, such as inventory management, procurement services, logistics services, production scheduling and order processing.	518210 54161
5112 518 54151	1.3.3.4	X				Business process management services, customer relations management	Providing a bundled service package that combines information-technology-intensive services with labor (manual or professional depending on the solution), machinery, and facilities to support, host and manage a customer relations management business process for a client, such as help desk, call center, and customer service.	518210 54161

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5112 518 54151	1.3.3.5	X				Business process management services, vertical markets	Providing a bundled service package that combines information-technology-intensive services with labor (manual or professional depending on the solution), machinery, and facilities to support, host and manage a vertical market business process for a client. These are business processes that are conducted by specific industries such as electric, chemical, and petroleum.	518210 54161
5112 518 54151	1.3.3.6	X				Other business process management services	Providing a bundled service package that combines information-technology-intensive services with labor (manual or professional depending on the solution), machinery, and facilities to support, host and manage other business processes for a client.	518210 54161
5112 518 54151	1.3.4	X				Collocation services	Providing rack space within a secured facility for the placement of servers and enterprise platforms. Includes provision of space for the client's hardware and software, connection to the Internet or other communication networks, and routine monitoring of servers. Clients are responsible for the management of the operating system, hardware, and software.	518111 518210
5112 518 54151	1.3.5	X				Data storage services	Managing or administrating the storage and back-up management of data such as remote back-up services, storage, or hierarchical storage management (migration).	518210 54151
5112 518 54151	1.3.6	X				Data management services	Providing ongoing management and administration of data as an organizational resource. May include performing data modeling, data mobilization, data mapping/rationalization, data mining and system architecture.	518210 54151
5112 518 54151	1.3.7	X				Video and audio streaming services	Sending audio and video data over the Internet or providing services associated with the storage, production (including encoding), and support of video and audio streaming over the Internet.	518111 518210

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5112 518 54151	1.3.8	X				Other IT infrastructure provisioning services	Providing other IT hosting or infrastructure provisioning services such as hosting client's application, processing client's data, and computer time share.	518210 54151
5112 518 54151	1.4					IT infrastructure and network management services	Managing and monitoring a client's IT infrastructure including hardware, software, and networks.	518111 518210 54151
5112 518 54151	1.4.1	X				Network management services	Managing and monitoring communication networks and connected hardware to diagnose networking problems and gather capacity and usage statistics for the administration and fine-tuning of network traffic. These services also remotely manage security systems or provide security-related services.	517110 518111 518210
5112 518 54151	1.4.2	X				Computer systems management services	Providing day-to-day management and operation of a client's computer system.	518210 54151
5112 518 54151	1.5					IT technical support services	Providing technical expertise to solve problems for the client in using software, hardware, or entire computer system. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 2.8, Maintenance and repair services for computer hardware.	511210 518111 518210 54151

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5112 518 54151	1.5.1	X				Software-related technical support services	Providing customer technical support in using or trouble-shooting the software. Includes: • providing upgrade services and the provision of patches and updates. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 2.8, Maintenance and repair services for computer hardware.	511210 54151
5112 518 54151	1.5.2	X				Hardware-related technical support services	Providing customer technical support in using or troubleshooting the computer hardware. Includes: • routine testing and cleaning of IT equipment. • technical assistance in moving a client's computer system to a new location. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 2.8, Maintenance and repair services for computer hardware.	54151
5112 518 54151	1.5.3	X				Combined software and hardware technical support services	Providing customer technical support in using or trouble-shooting the computer hardware and software. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 2.8, Maintenance and repair services for computer hardware.	518111 54151

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5112 518 54151	1.5.4					Other IT technical support services	Providing technical expertise to solve specialized problems for the client in using a computer system. Includes: • computer auditing and assessment, data recovery services, and disaster recovery services. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 2.8, Maintenance and repair services for computer hardware.	518210 54151
5112 518 54151	1.5.4.1	X				Auditing and assessing computer operations	Auditing or assessing computer operations without providing advice or other follow-up action. Includes: • auditing, assessing and documenting a server, network or process for components, capabilities, performance, or security. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 2.8, Maintenance and repair services for computer hardware.	54151
5112 518 54151	1.5.4.2	X				Data recovery services	Retrieving a client's data from a damaged or unstable hard-drive or other storage medium. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 2.8, Maintenance and repair services for computer hardware.	518210 54151

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5112 518 54151	1.5.4.3	X				Disaster recovery services (Business continuity services)	Providing standby computer equipment and duplicate software in a separate location to enable a client to relocate regular staff to resume and maintain routine computerized operations in event of a disaster such as a fire or flood. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 2.8, Maintenance and repair services for computer hardware.	54151
5112 518 54151	1.5.4.9	X				Other IT technical support services	Providing technical expertise to solve specialized problems for the client other than computer auditing and assessment, data recovery services, and disaster recovery services. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 2.8, Maintenance and repair services for computer hardware.	54151
5112 518 54151	1.6					Information and document transformation services	Providing technical expertise and equipment to transform information and documents from one format or media to another.	518210 54151
5112 518 54151	1.6.1	X				Imaging and other data capture services	Converting paper documents into digital or other machine-readable formats. The service generally involves the following components: (1) document preparation; (2) scanning, optical character recognition, and other data capture activities; and (3) the delivery or output of the information captured into a database or a physical medium.	518210 54151

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5112 518 54151	1.6.2	X				Data conversion and migration services	Moving data from one storage device to another or from one file format to another. Includes products 1.17.2 on 54134 list and 9 on 54137 list.	518210 54151
5112 518 54151	1.7					Internet access and backbone services	Providing a connection to the Internet and the carriage of traffic over the Internet.	517110 51721 517510 518111 518210 54151
5112 518 54151	1.7.1					Internet access services	Providing a connection to the Internet, both wired and wireless, including dial-up and always-on connections. Includes: • services bundled with Internet access, such as e-mail, space for the customer's web page, tools for simple web page design, chat, and technical support, etc. • remote access or other types of Internet access and package upgrades such as international roaming, extra e-mail boxes, etc., whether bundled or provided for an additional fee. Same as product 2 on 517 ex 5175 list.	517110 51721 517510 518111 518210 54151
5112 518 54151	1.7.1.1	X				Internet access, dial-up	Providing a dial-up connection to the Internet, both wired and wireless, over the PSTN and generally at speeds not exceeding 64Kbps. Includes: • services bundled with Internet access, such as e-mail, space for the customer's web page, tools for simple web page design, chat, and technical support, etc. • remote access or other types of Internet access and package upgrades such as international roaming, extra e-mail boxes, etc., whether bundled or provided for an additional fee. Same as product 2.1 on 517 ex 5175 list.	517110 51721 517510 518111 518210 54151

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5112 518 54151	1.7.1.2					Internet access, always-on	<p>Providing an always-on connection to the Internet, both wired and wireless, at speeds exceeding 64Kbps. Includes cable Internet, DSL, and other always-on connection services.</p> <p>Includes:</p> <ul style="list-style-type: none"> • services bundled with Internet access, such as e-mail, space for the customer's web page, tools for simple web page design, chat, and technical support, etc. • remote access or other types of Internet access and package upgrades such as international roaming, extra e-mail boxes, etc., whether bundled or provided for an additional fee. <p>Same as product 2.2 on 517 ex 5175 list.</p>	517110 51721 517510 518111 518210 54151
5112 518 54151	1.7.1.2.1	X				Internet access, always-on, residential	<p>Providing an always-on connection to the Internet for residential clients, both wired and wireless, at speeds exceeding 64Kbps. Includes cable Internet, DSL, and other always-on connection services.</p> <p>Includes:</p> <ul style="list-style-type: none"> • services bundled with Internet access, such as e-mail, space for the customer's web page, tools for simple web page design, chat, and technical support, etc. • remote access or other types of Internet access and package upgrades such as international roaming, extra e-mail boxes, etc., whether bundled or provided for an additional fee. <p>Same as product 2.2.1 on 517 ex 5175 list.</p>	

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5112 518 54151	1.7.1.2.2	X				Internet access, always-on, nonresidential	<p>Providing an always-on connection to the Internet for business clients, both wired and wireless, at speeds exceeding 64Kbps. Includes cable Internet, DSL, and other always-on connection services.</p> <p>Includes:</p> <ul style="list-style-type: none"> • services bundled with Internet access, such as e-mail, space for the customer's web page, tools for simple web page design, chat, and technical support, etc. • remote access or other types of Internet access and package upgrades such as international roaming, extra e-mail boxes, etc., whether bundled or provided for an additional fee. <p>Same as product 2.2.2 on 517 ex 5175 list.</p>	
5112 518 54151	1.7.2	X				Internet backbone services	<p>Providing the carriage of Internet traffic by one ISP for another ISP (generally known in the industry as peering and transit charges).</p> <p>Subset of product 1.1 on 517 ex.5175 list.</p>	517110 518111
5112 518 54151	1.8	X				Internet telecommunication services	<p>Providing telecommunications services over the Internet other than Internet access.</p> <p>Includes:</p> <ul style="list-style-type: none"> • fax, telephony, audio conferencing, and video conferencing, etc. services over the Internet 	518111 518210 54151

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5112 518 54151	1.8.1				X	Internet telephony, access-independent	<p>Providing voice over Internet protocol (VoIP) telephony requiring a client-supplied broadband connection to the Internet, wired or wireless, for the transmission of voice or data to fixed local telephone locations, mobile phones, and/or computer IP addresses. May include 911 service and a number to mimic a local fixed telephone number for the purpose of receiving calls from fixed or mobile telephone users.</p> <p>Includes: • calling features.</p> <p>Same as product 1.7 on 517 ex 5175 list.</p>	517110 517510 518111
5112 518 54151	1.8.1.1				X	Internet telephony, access-independent, residential	<p>Providing voice over Internet protocol (VoIP) telephony requiring a client-supplied broadband connection to the Internet, wired or wireless, to residential clients for the transmission of voice or data to fixed local telephone locations, mobile phones, and/or computer IP addresses. May include a number to mimic a local fixed telephone number for the purpose of receiving calls from fixed or mobile telephone users.</p> <p>Includes: • calling features.</p> <p>Same as product 1.7.1 on 517 ex 5175 list.</p>	517110 517510 518111
5112 518 54151	1.8.1.2				X	Internet telephony, access-independent, business	<p>Providing voice over Internet protocol (VoIP) telephony requiring a client-supplied broadband connection to the Internet, wired or wireless, to businesses clients for the transmission of voice or data to fixed local telephone locations, mobile phones, and/or computer IP addresses. May include a number to mimic a local fixed telephone number for the purpose of receiving calls from fixed or mobile telephone users.</p> <p>Includes: • calling features.</p> <p>Same as product 1.7.2 on 517 ex 5175 list.</p>	517110 517510 518111

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5112 518 54151	1.8.2					Other internet telecommunication services	Providing telecommunications services over the Internet other than Internet access and telephony services. Includes: • fax, audio conferencing, and video conferencing over the Internet.	517110 517510 518111 518210 54151
5112 518 54151	1.9					Published software	Software published on own-account for wide distribution and for multiple sale or licensing. Includes published software products found on all other NAPCS lists.	511210 518210 others
5112 518 54151	1.9.1					Published system software	Low-level software published on own-account that is designed to manage computer resources and support the production or execution of application programs but which is not specific to any particular application.	511210
5112 518 54151	1.9.1.1	X				Published operating systems software	Systems software published on own-account that is designed to handle the interface to peripheral hardware, schedules tasks, allocate storage, and present a default interface to the user when no application program is running. Includes: • all client and network operating systems.	511210

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			Can	Méx	US	Title	Definition	
5112 518 54151	1.9.1.2	X				Published network software	Systems software published on own-account that is designed to control, monitor, manage and communicate with operating systems, networks, network services, databases, storage, and networked applications in an integrated and cooperative fashion across a network from a central location. Includes: • all network management software, server software, security and encryption software, and middleware, etc.	511210
5112 518 54151	1.9.1.3	X				Published database management software	Collection/suite of systems software published on own-account that is designed to enable storage, modification, and extraction of information from a database. Includes: • DBMSs ranging from small systems that run on personal computers to huge systems that run on mainframes, e.g. Oracle.	511210
5112 518 54151	1.9.1.4	X				Published development tools and programming languages software	Systems software published on own-account that is designed to assist in the development and/or authoring of computer programs. Includes: • software products that support the professional developer in the design, development, and implementation of a variety of software systems and solutions. • all program development tools and programming languages software.	511210
5112 518 54151	1.9.1.5	X				Published systems software, nec.	Systems software published on own-account that is designed for uses not elsewhere classified.	511210

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		NAICS Industries Producing the Product
			Can	Méx	US	Title	Definition	
5112 518 54151	1.9.2					Published applications software	Software published on own-account that is designed to perform a specific function directly for the end user. Includes products 4.9.1 on 48111, 9.2 on 54136, 2.5 on 54191, 2.2 on 54193, 1.13 on 5613, and 4.8 on 5615 list.	511210 others
5112 518 54151	1.9.2.1	X				Published general business productivity applications software	Software published on own-account that is designed for general business purposes to improve productivity. Includes: • office suite applications such as word processor, spreadsheet, and simple database software; graphics applications software; project management software, computer-based training software, and reference software, and etc. • corresponding software for home use. Excludes: • home entertainment, education, and computer game software applications are in product 1.9.2.5, Published home entertainment, education, and computer game applications software	511210
5112 518 54151	1.9.2.2	X				Published cross-industry applications software	Software published on own-account that is designed to perform and/or manage a specific business function or process that is not unique to a particular industry. Includes: • professional accounting software, human resource management software, customer relations management software, geographic Information system software, and web page/site design software, etc.	511210
5112 518 54151	1.9.2.3	X				Published vertical market applications software	Software published on own-account that is designed to perform a wide range of business functions for a specific industry such as manufacturing, retail, healthcare, engineering, and restaurants, etc.	511210

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		
			Can	Méx	US	Title	Definition	NAICS Industries Producing the Product
5112 518 54151	1.9.2.4	X				Published utilities software	Small computer programs published on own-account that are designed to perform a very specific task. Utilities differ from other applications software in terms of size, cost, and complexity. Includes: • compression programs, anti-virus, search engines, font, file viewers, and voice recognition software, etc.	511210
5112 518 54151	1.9.2.5	X				Published home entertainment, education, and computer game applications software	Software published on own-account that is intended primarily for home/personal use and designed to provide educational and/or entertainment activity in the home. Includes: • computer game software and software that is both educational and entertaining, such as educational software designed for young children.	
5112 518 54151	1.9.2.9	X				Published applications software, nec.	Applications software published on own-account that is designed for uses not elsewhere classified.	511210

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		
			Can	Méx	US	Title	Definition	NAICS Industries Producing the Product
5112 518 54151	1.10	X				Rental of computers and peripheral equipment	Renting or leasing computer hardware. Includes: • delivery/pick-up, insurance (e.g., property, liability, warranty, and damage waiver), and maintenance and repair, and software licensing when bundled with the rental or lease agreement. Excludes: • providing finance/capital leases. • renting and leasing equipment with operator. • maintenance and repair services sold separately. • insurance (e.g., property, liability, warranty, and damage waiver) sold separately. • brokerage or agency services for insurance (e.g., property, liability, warranty, and damage waiver) sold separately. • delivery/pickup services sold separately. Same as product 1.2.1 on 5324 list.	54151 5324
5112 518 54151	1.11	X				Training services, IT-related	Providing training for the use of computer hardware, software, networks, or other IT-related topics. Subset of product 1.2.9 on 61 list.	511210 518111 54151 61
5112 518 54151	2					Related products	Other important products provided by establishments classified in NAICS 5112, 518, and 54151. Includes: • data analysis, computer staff augmentation, management consulting, online advertising space, licensing of intellectual property, and reselling of merchandise..	5112 54151 518111 518210 others

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		
			Can	Méx	US	Title	Definition	NAICS Industries Producing the Product
5112 518 54151	2.1	X				Data analysis services	Providing analysis of the client's existing data sets. This includes data mining.	54151
5112 518 54151	2.2	X				Temporary staffing, information technology (IT)	<p>Supplying computer programmers, computer systems analysts, database developers, network administrators, operating systems specialists, platform specialists, programmer analysts, software designers, software developers, software engineers, web site developers, and other information technology personnel for temporary work assignments. The temporary staffing firm hires its own employees and assigns them to clients to support or supplement the client's workforce in work situations such as employee absences, temporary skill shortages, seasonal workloads, and special assignments and projects. The employees are on the payroll of the temporary staffing firm which is legally responsible for their actions, but when working they are under the direct supervision of the client. The temporary staffing firm specifies the pay, benefits, etc. of the employee.</p> <p>Same as product 1.3.2.3 on 5613 list.</p>	54151 561320
5112 518 54151	2.3	X				Strategic management consulting services	<p>Providing advice and guidance concerning the overall strategic direction, planning, structuring and control of an organization.</p> <p>Includes:</p> <ul style="list-style-type: none"> consulting on subjects such as development of an organization's overall direction and objectives; determination of an organization's strategy to achieve the selected direction and objectives; selection of a method (merger or acquisition, joint venture, outsourcing, or other alliance, divestiture, new business venture or use of new technology) for carrying out the strategy; design or redesign of the organizational structure; and crisis management; etc. <p>Excludes:</p> <ul style="list-style-type: none"> providing strategic management consulting services bundled with implementation services. providing stand-alone services to implement a proposed solution. expert witness services in this field of expertise, sold separately. <p>Same as product 1.1 on 54161 list.</p>	518210 541211 54151 54161

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		NAICS Industries Producing the Product
			Can	Méx	US	Title	Definition	
5112 518 54151	2.4	X				Advertising space, online	Provision of space for electronic advertising messages distributed over the Internet. Includes: • banner ads, buttons, text links, interstitials, rich media ads, streaming audio and streaming video ads, etc. • creation and design of advertisements when bundled with the provision of advertising space. Same as product 2 on 516 list.	518111 516110
5112 518 54151	2.5	X				Licensing of rights to use computer software protected by copyright	Granting permission to use computer software that is implicitly or explicitly protected by copyright owned or controlled by the licensor. Includes: • licensing the right to broadcast, publish, reproduce, record, modify, incorporate, distribute, or rent copyrighted computer software for an agreed period of time, manner, and place, such as the right to reproduce in or adapt to another format, medium, language or territory. • temporary transfers of reproduction and distribution rights through licensing. • permanent transfers of reproduction and distribution rights through sale of such rights. Excludes: • end-use licensing of software. • permanent transfer of all rights through outright sale of intellectual property. Subset of product 4.1 on 5417 list.	511210 518111 518210 54151 516110

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		
			Can	Méx	US	Title	Definition	NAICS Industries Producing the Product
5112 518 54151	2.6	X				Licensing of rights to use intellectual property protected by copyright, except rights to reproduce and distribute software	<p>Granting permission to use intellectual property owned or controlled by the licensor, except the permission to reproduce and distribute computer software. Includes licensing of intellectual property implicitly or explicitly protected by copyright laws (e.g., computer software, book, screen, film, and stage play manuscripts, choreographic and musical compositions, image effect designs, performing arts productions, architectural drawings, and photographic and fine art) and industrial property laws (e.g., inventions, industrial designs, integrated circuit topography, trade secrets, and trademarks).</p> <p>Includes:</p> <ul style="list-style-type: none"> licensing the right to broadcast, publish, distribute, record, modify, incorporate, distribute, or rent copyrighted intellectual property for an agreed period of time, manner, and place, such as the right to reproduce in or adapt to another format, medium, language or territory. temporary transfers of rights through licensing. permanent transfer of individual or some rights (e.g., only book and/or film rights) through sale of such rights. <p>Excludes:</p> <ul style="list-style-type: none"> permanent transfers of all rights granted through outright sale of intellectual property. granting the right to reproduce and distribute computer software is in product 2.5, Licensing of rights to reproduce and distribute computer software protected by copyright. <p>Subset of product 9 on 711 list.</p>	511210 518111 518210 54151 516110
5112 518 54151	2.7					Reselling services for merchandise, retail	<p>Retailing of merchandise purchased on own account for resale or sold on a fee or commission basis for others. Includes reselling of computer hardware and software, apparel, memorabilia, publications, prepackaged foods and beverages, and other merchandise. Also includes vending machine sales. Revenue for this product includes the gross margin, fees, and commissions earned on sales.</p> <p>Same as product 15.1 on 711 list.</p>	511210 518111 518210 54151

NAPCS Product List for NAICS 5112, 518 and 54151: Software Publishers, Internet Service Providers, Web Search Portals, and Data Processing Services, and Computer Systems Design and Related Services

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		NAICS Industries Producing the Product
			Can	Méx	US	Title	Definition	
5112 518 54151	2.7.1	X				Reselling services for computer hardware and software, retail	Retailing of computer hardware and software purchased on own account for resale or sold on a fee or commission basis for others. May include installation and training services that are bundled with reselling services for computer hardware and software. Revenue for this product includes the gross margin, fees, and commissions earned on sales.	511210 518111 518210 54151
5112 518 54151	2.7.9	X				Reselling services for merchandise, except computer hardware and software, retail	Retailing of merchandise, except computer hardware and software, purchased on own account for resale or sold on a fee or commission basis for others. Includes reselling of apparel, memorabilia, publications, prepackaged foods and beverages, and other merchandise. Also includes vending machine sales. Revenue for this product includes the gross margin, fees, and commissions earned on sales. Subset of product 15.1 on 711 list.	511210 518111 518210 54151
5112 518 54151	2.8	X				Maintenance and repair services for computer hardware and peripheral equipment	Providing maintenance and repair services, including installation of replacement parts, for computers, computer peripheral equipment, and other data processing equipment. Includes: <ul style="list-style-type: none"> • technical support services and parts or software bundled with maintenance and repair services. • upgrading an existing computer system (i.e. providing and installing replacement parts or additional parts) for an existing computer system. • maintenance and repair services for computer printers, scanners, and monitors, etc. Excludes: <ul style="list-style-type: none"> • IT technical assistance services sold separately are in product 1.5, IT technical support services. • maintenance and repair services bundled with rental and leasing of computer hardware or peripheral equipment are in product 1.10, Rental of computer hardware. • retailing of computer hardware parts or software sold separately are in product 2.7.1, Reselling services for computer hardware and software, retail. • maintenance and repair services for televisions. Continued below.	334111 334112 334113 334119 334611 54151

NAPCS Product List for NAICS 5112, 518 and 54151: Software Publishers, Internet Service Providers, Web Search Portals, and Data Processing Services, and Computer Systems Design and Related Services

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		
			Can	Méx	US	Title	Definition	NAICS Industries Producing the Product
5112 518 54151	2.8 Cont'd						<ul style="list-style-type: none"> • maintenance and repair services for external speakers. • sales of electronic and precision equipment rebuilt by the selling establishment. • retailing of computer systems, with or without installation, is in product 2.7.1, Reselling services for computer hardware and software, retail. <p>Same as product 1.1 on 8112 list.</p>	
5112 518 54151	2.9	X				Other related products	Other related products provided by establishments classified in NAICS 5112, 518, and 54151.	5112 518111 518210 54151 others