

Summary of Codes & Standards Library Services Available on Line – January 21, 2019

Name of Company & Year founded	Cloud based or just on internet	Codes & Standards covered & format	Pros / Cons
ASHRAE, NFPA, other Standards Development Organizations (SDOs) Year varies by SDO	Some have on line services for just their codes and/or standards. Usually only available as downloadable PDF	LIMITED - Just that individual SDO's codes/standards	<p>PROS – Readily available but in most cases a subscription service. Free to that SDO's members. Some have back editions available as well.</p> <p>CONS – Not connected to codes and standards of other SDO organizations. Generally PDF or hard copy only. New service.</p>
ICC Codes@iccsafe.org	On line – electronic data files for ICodes. Some state codes available on line through Premium Access service. Others only available as hard copy.	LIMITED - Only I Codes & standards	<p>PROS - A one stop shop for ICodes. Updated as adopted. Very short lag time between adoption by ICC and posting. Premium Access provides a few state codes on line. Has just added note fields. Includes ICC Commentaries.</p> <p>CONS – Very limited as codes & standards from other organizations not available. Static. Hardcopy only available for most statewide building codes based on ICodes. No electronic or hard copy access to older legacy codes. New service since 2014.</p>
IHS GLOBAL - global@ihs.com	PDF based. Internet subscription service.	BROAD BASED - 90 Million documents including codes & standards in widely diverse fields besides construction including: defense, chemical, transportation, health care, manufacturing	<p>PROS – Global in scope & content. Has exclusive rights to some construction standards & codes. Has some back editions of codes & standards. Downloadable via internet. Can select only documents you need. Updates at no additional charge. HIS Global in existence since 1990's</p> <p>CONS: Paper and PDF only. Static - documents not interconnected so you cannot jump between sections of codes to standard & back. No note capability offered. Lag time more than 3 months for ICode latest adopted edition. Has very</p>

			few local codes as adopted. Internet a new service.
MADCAD Madcad.com	Secure cloud based electronic data files accessible to any device in flexible subscription service	BROAD BASED - Over 80,000 U.S. construction codes and standards. In addition also includes all state and 23,000 local jurisdiction adopted codes/amendments	<p>PROS: Only interactive-interconnected service available which can readily jump between sections in different codes and standards in library with click. Has eNotes and eProjects provisions to customize for jurisdiction/client use. Immediately updates and provides errata free of charge for all codes & standards in database to subscribers (no need to re-purchase). Provides government documents as free content. Online content readily available for research and can be accessed from any electronic device with internet connection. Has back editions of codes to 1950's. Code amendments to over 23,000 localities including mostly above 5,000 in population. Construction focused with this service provided for 23 years. Only subscribe to what you need.</p> <p>CONS: Restrictions on hardcopy should jurisdiction want hardcopy. While over 98% of codes & standards available shortly after they are published, ICC published codes become available about 2 months after publication.</p>
TECHSTREET – Clarivate Analytics Techstreet.com	PDF & print based. Internet	BROAD BASED - Over 500,000 in diverse areas including food, petrochemical, manufacturing, electrical, medical & construction	<p>PROS: Can subscribe to update alerts in codes & standards you purchase and has redline comparison between editions. Can track usage. Can personalize library by buying only standards you need access to.</p> <p>CONS: PDF and print only. Static - cannot jump automatically between sections of different codes and standards. Have to go</p>

			document by document. Note capability limited. Does not include codes and standards as adopted and enforced by U.S. jurisdictions. A 5-6 month lag time between ICodes adoption and being available on TechStreet. No local codes as adopted in library. This is a new service. Techstreet spun off from Thompson Reuters in 2016 as a part of new corporation – Clarivate Analytics
UpCodes AI Up.code	New On-line design aid service for architects to aid in code compliance during design using REVIT	LIMITED - Limited to ICodes 2015 edition and selected statewide codes based on ICodes	PROS – While still in Beta, offers code compliance tool for architects. Offers collaboration tools and bookmarks and notes. CONS – New service which is still in development and limited to 2015 editions of ICodes and state codes based upon them. Not really a library as much as a design aid. Currently working to resolve copyright issues with several code /standards groups.