

## 2019 Blockchain Platforms Overview

Product Features (existing&planned)	BlueTech CYF4 Blockchain	IBM Cloud	Microsoft Azure Blockchain Service	Ripple	Hyperledger
<b>Main Features</b>					
Allows Block Modification/Delete	✓	✗	✗	✗	✗
Built-in UI interface/Viewer	✓	✗	✗	✗	✗
Technical background required to use					
Open-source	✗	✓	✗	✓	✓
Hashcode Pointed to the Document in the cloud	✓	✗	✗	✗	✗
Development tools available	✗	✓	✓	✓	✓
Private/Permissioned BlockChain	▶	▶	▶	▶	▶
<b>Commercial Features</b>					
Commercial Version available	✓	✓	✓	✓	✓
Free Version available (See comment #1)	✓	○	✓	✗	✗
Consumer-oriented, ready-to-use product	✓	✗	✗	✗	✗
VPN available (see comment #2)	✓	○	○	○	○
Cloud storage option	✓	✓	✓	✗	✗
Price (see comment #3)	?	\$0.29/hour	\$0.318/hr+\$100/month	varies per transaction	varies per transaction
Main Industry	Documents	-	-	Payments	Distributed Ledger
<b>Technical Specifications</b>					
Crypto Currency implementation	No	No	No	Yes	Yes
System Requirements	4 GB	N/A	140 GB	8 GB	4 GB
Operating System	Windows 10	Red Hat Linux	Windows 7	Linux/Mac/Win-64bit	Linux
Open Source	No	Yes	No	Yes	Yes
Platform	CYF4/Private	Hyperledger	MS/Private	Ripple	Hyperledger
1. IBM - 30 day free trial					
2. CYF4 - VPN can be used by customer					
3. MS Azure - \$100 non-developer user, \$29 developer					