ESG Seismic Server.


Program: "mXrap Export ESG" to files in the "mXrap root folder to files in the "mXrap root folder"


Corporate File Server
Folder is usually hosted on Engineer's PC,
or corporate file server (for multiple users)

\section*{| Other Instrumentation Servers |
| :--- |} Provided by site IT,

or Instrumentation manufacturers.
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mxrap Webforms Server
Provided by site IT
can be hosted on existing servers. can be hosted on existing servers.
Requires write access to "Root Folder"

| mXrap Webfor |
| :---: |
| Program: |
| Small custo |
| HTTPS ser |

Small custom
HTTPS server

Note: Server's local network IP (eg 192.x.x.x) will be registered with registry.mxrapservers.com as example.a.mxrapservers.com for our wildcard SSL certificate to work.

Usually *.a.mxrapservers.com addresses are expected to be local addresses, and traffic should NOT be automatically routed through the proxy to the internet.
Site IT can provide their own SSL cert and server name, if they desire.
mXrap Servers
Servers hosted by mXrap providers, ${ }^{*}$.mxrap.com registry.mxrapservers.com


HTTPS certificate
registration registration


Usually an iPad, Android Tablet, or MS Surface for data input while underground in the mine. Storage required: 32 GB minimum.

Acquire licence via Codemeter Protocol
Licence: TCP/UDP port 22350 (Codemeter protocol)
Web Admin: TCP port 22352 (HTPP / HTTPS)
mXrap

