VDM Connection Methodology for Hosted or SaaS Environments

VDM receives results from Data Service Connector via TLS/443, processes data and renders report

User

VDM Application
with custom BridgeWorks Data Service
Connector*

TLS/443

Internet

TLS/443

VDM Connects to Data Service Connector via API Call over TLS/443

SaaS External Firewall

TLS/443

Data Service Connector would require the following:
- URL to BridgeWorks SaaS Connector
- DSCXValue
- Username and Password
- Database Type
   InterSystems IRIS, InterSystems Cache, Rocket Universe and Microsoft SQL will be supported

BridgeWorks Data Service Connector
.Net Core Application running on Linux
Docker Container

Auth and Query using
Database's Native Driver and
TCP Port over TLS

SaaS Internal Firewall

Auth and Query using
Database's Native Driver and
TCP Port over TLS

Data Service Connector receives call from VDM, shapes and passes to Database via Native Driver and TCP Port over TLS

Database processes request and delivers results to Data Service Connector via Native Driver and TCP Port over TLS, data shaped for delivery back to VDM

Database