

Foxhole

Automates the importing and exporting via CSV

Foxhole is the one tool your Niagara AX and Niagara 4 toolboxes should not be without. It extends the communication and engineering capabilities of the Niagara systems.

Foxhole helps engineers and users save time and money by allowing interaction with their applications from remote locations.

Service organizations will find this a particularly useful tool.

Product Overview

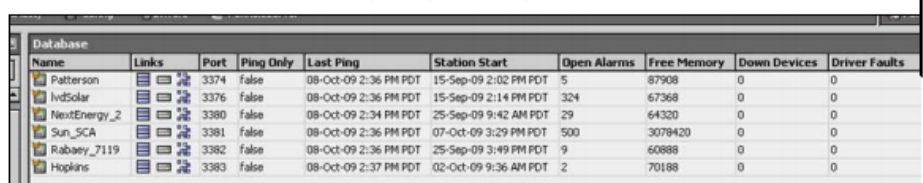
Foxhole is all about opening communication between previously unreachable Niagara AX and Niagara 4 installs and your web server. Foxhole enables full integration of the Niagara Network where previously not possible. It integrates your Web Supervisor or engineering tool with JACEs they cannot “see.” This powerful tool enables the JACE to open a communication pipe to the Web Supervisor without the need for firewall pinholes.

Benefits and features included with Foxhole:

- **Allows the use of less expensive labor to do the local install**
- **Application engineers use Foxhole tunneling**
- **A single dedicated Web Supervisor for all station connections**

Foxhole helps lower the cost of and enhance your service business:

- **Use of Foxhole tunneling for virtual service calls**
- **Dedicated Web Supervisor for service business**
- **Server-side “health” dashboard (below) allowing for proactive service**



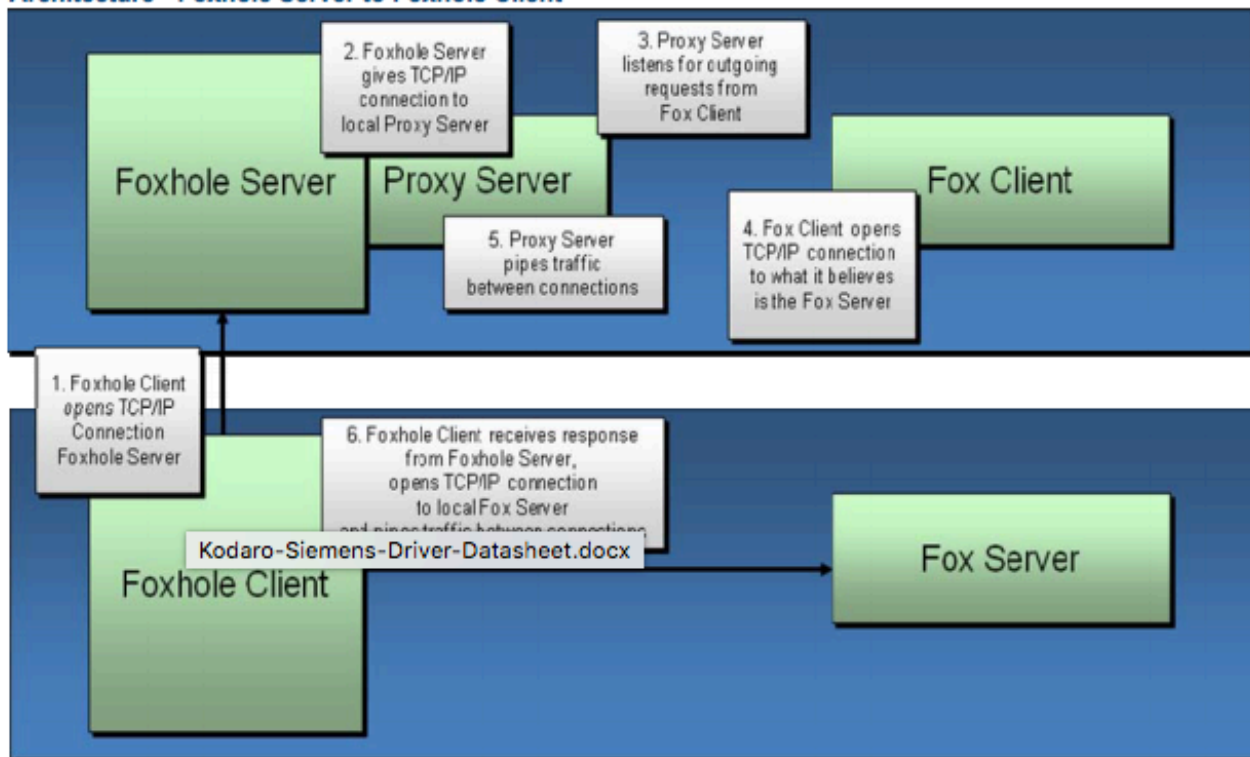
Name	Links	Port	Ping Only	Last Ping	Station Start	Open Alarms	Free Memory	Down Devices	Driver Faults
Patterson		3374	False	08-Oct-09 2:36 PM PDT	15-Sep-09 2:02 PM PDT	5	87908	0	0
IvdSolar		3376	False	08-Oct-09 2:36 PM PDT	15-Sep-09 2:14 PM PDT	324	67368	0	0
NextEnergy_2		3380	False	08-Oct-09 2:34 PM PDT	25-Sep-09 9:42 AM PDT	29	64320	0	0
Sun_SCA		3381	False	08-Oct-09 2:36 PM PDT	07-Oct-09 3:29 PM PDT	500	3078420	0	0
Rabaey_7119		3382	False	08-Oct-09 2:36 PM PDT	25-Sep-09 3:49 PM PDT	9	60888	0	0
Hopkins		3383	False	08-Oct-09 2:37 PM PDT	02-Oct-09 9:36 AM PDT	2	70188	0	0

Ability to firewall the JACE:

- **Built in firewall**
 - **Blocks IP communications to/from the Niagara station**
- **Only allows communications with the server**
 - **Access JACE by Foxhole tunneling through the Web Supervisor**

(Architecture examples of Foxhole client/server on the following page)

Architecture - Foxhole Server to Foxhole Client



Architecture - Foxhole Client to Foxhole Server

