

Foxhole

Amazingly simple, Immediately useful

Product Overview

Foxhole is the one tool your Niagara^{AX} toolbox should not be without. It extends the communication and engineering capabilities of Niagara^{AX}.

Foxhole[®] is all about opening communication between previously unreachable Niagara^{AX} installs and your 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:

Remotely engineer Niagara installs from outside the firewall

- 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

Lower the cost of and enhance 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

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

| Database | | | | | | | | | |
|--------------|-------|------|-----------|-----------------------|-----------------------|-------------|-------------|--------------|---------------|
| 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 |
| Rabeay_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 |

Service organizations will find this a particularly useful tool!

Ability to “Firewall” the JACE

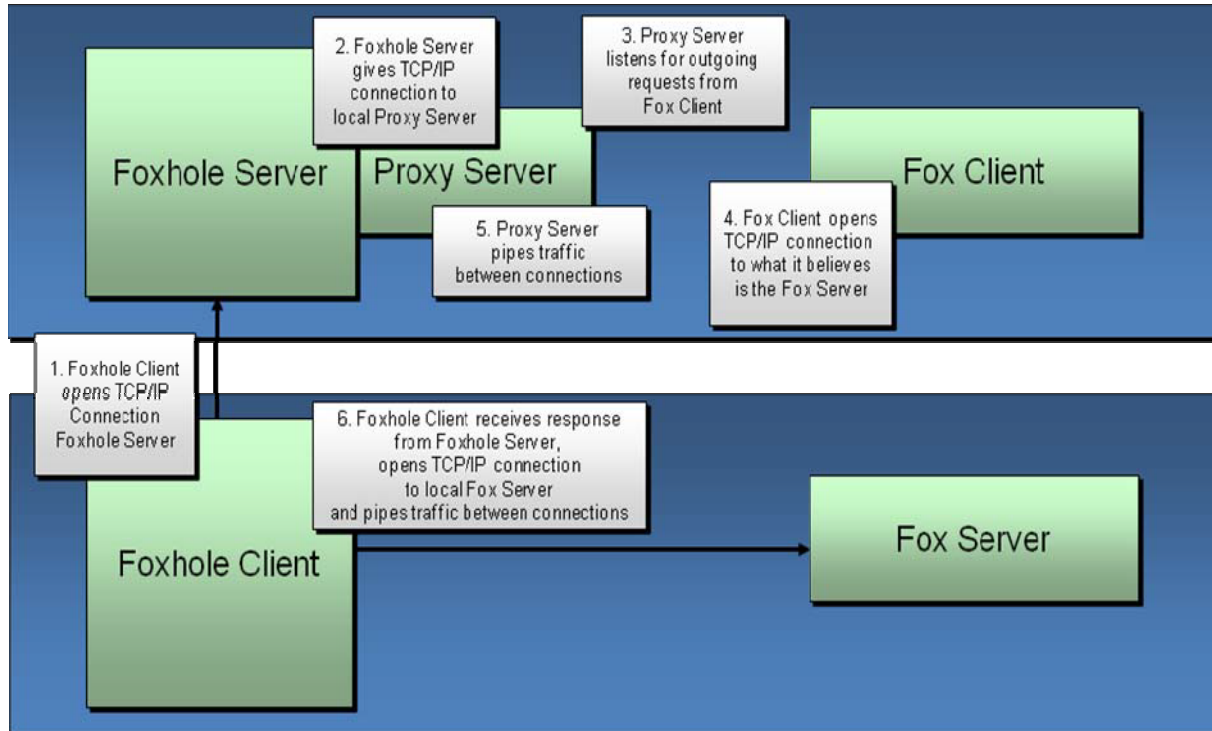
- Built in Firewall
 - Blocks IP communications to/from the Niagara Station
- Only allows communications with the server
 - Access JACE by Foxhole tunneling through the Web Supervisor

(Architecture examples of Foxhole Client/Server on the following page)

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Architecture - Foxhole Server to Foxhole Client



Architecture - Foxhole Client to Foxhole Server

