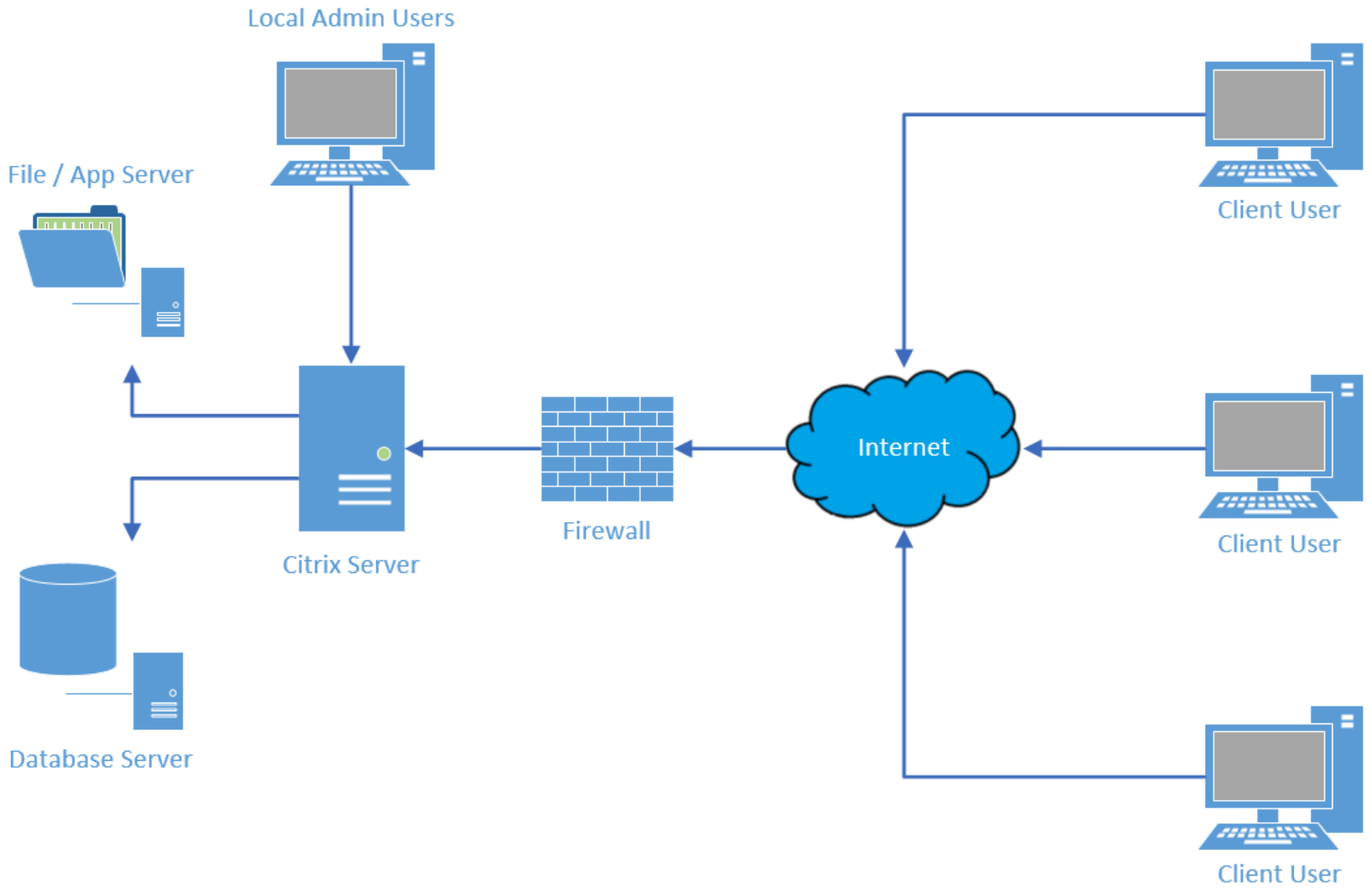
ProLytX

Engineering Analysis, Intelligent Solutions

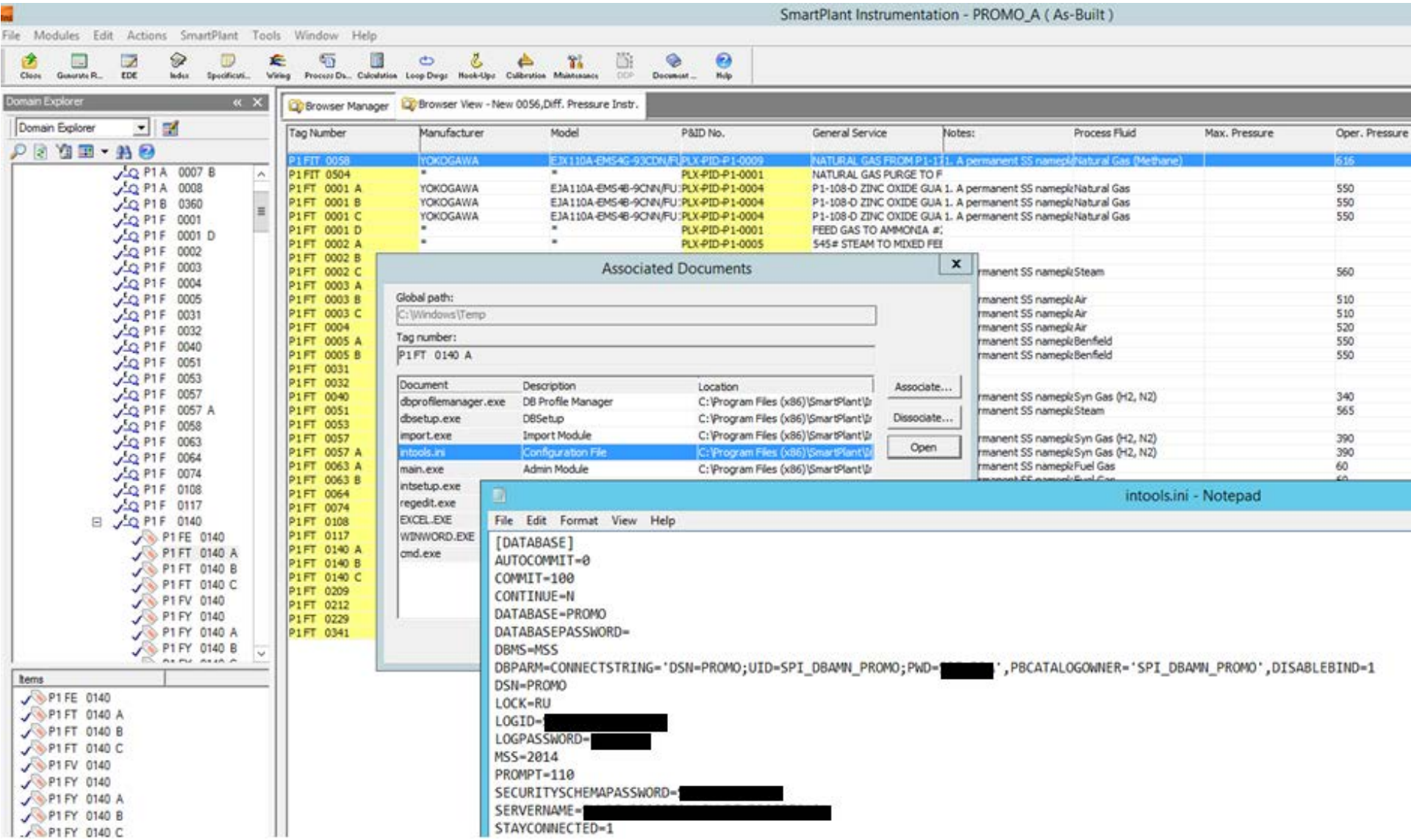
SMARTPLANT INSTRUMENTATION (SPI) THIN CLIENT CYBERSECURITY

Citrix Implementation

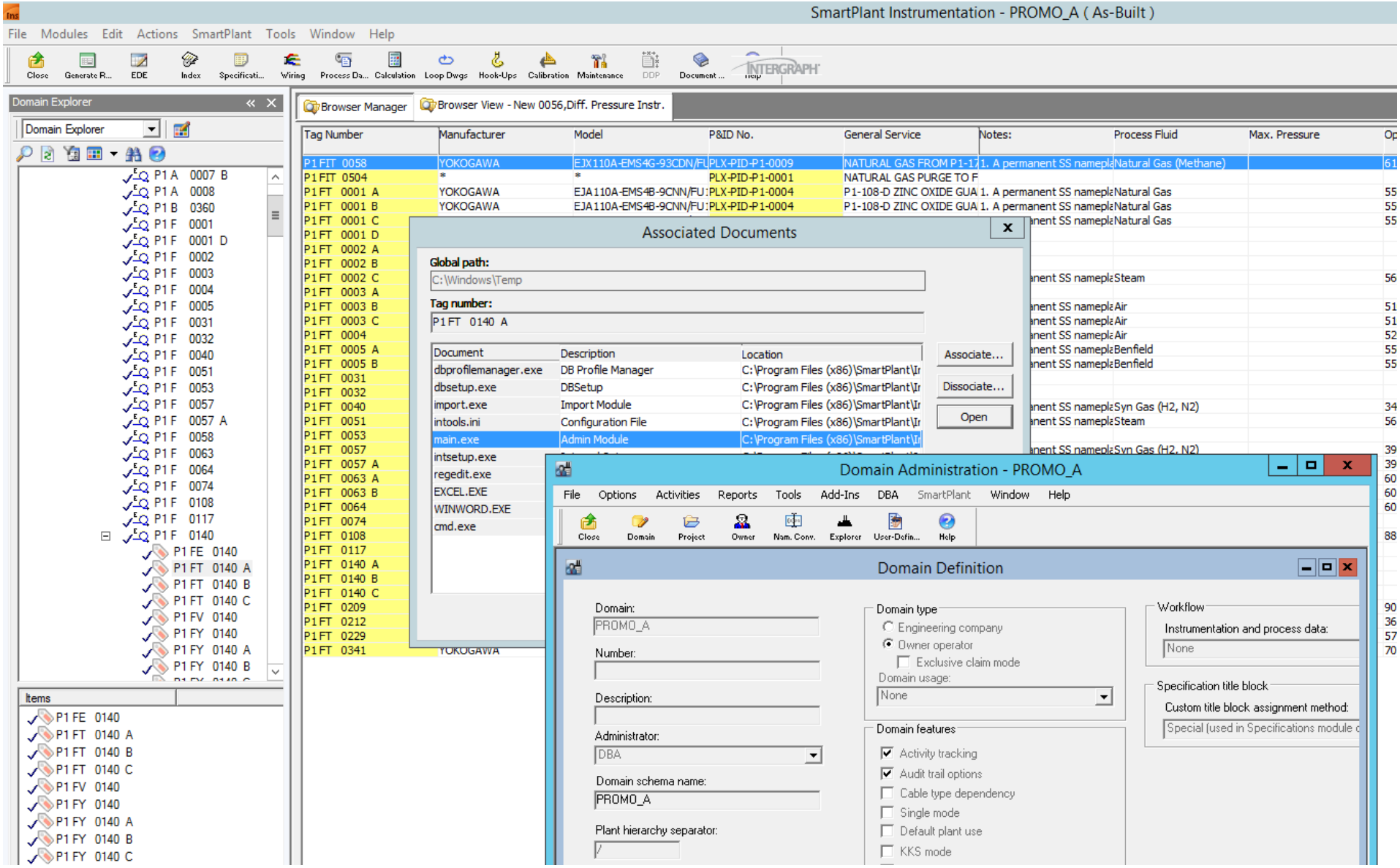
Basic Thin Client Environment



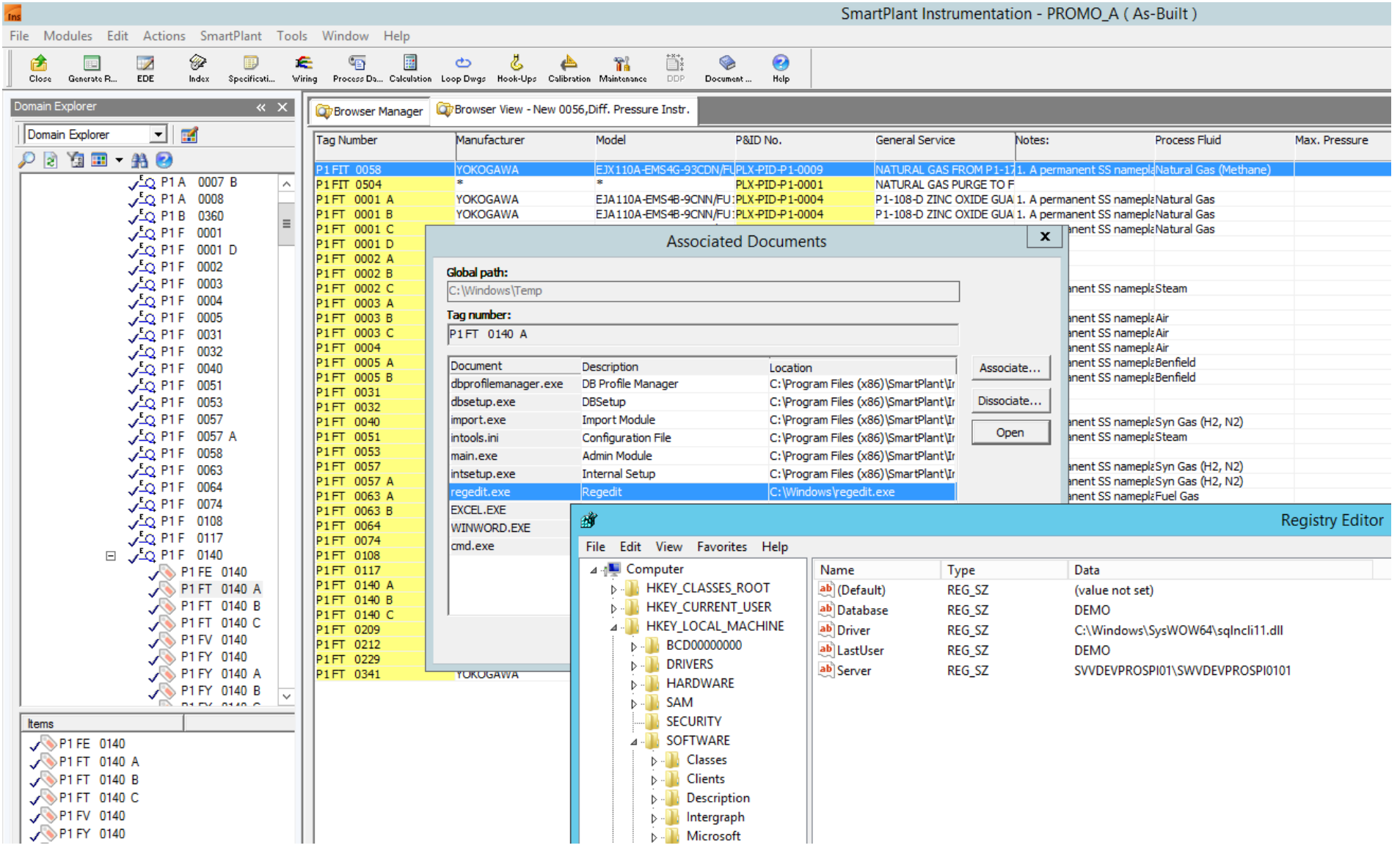
Associated Documents (intools.ini)



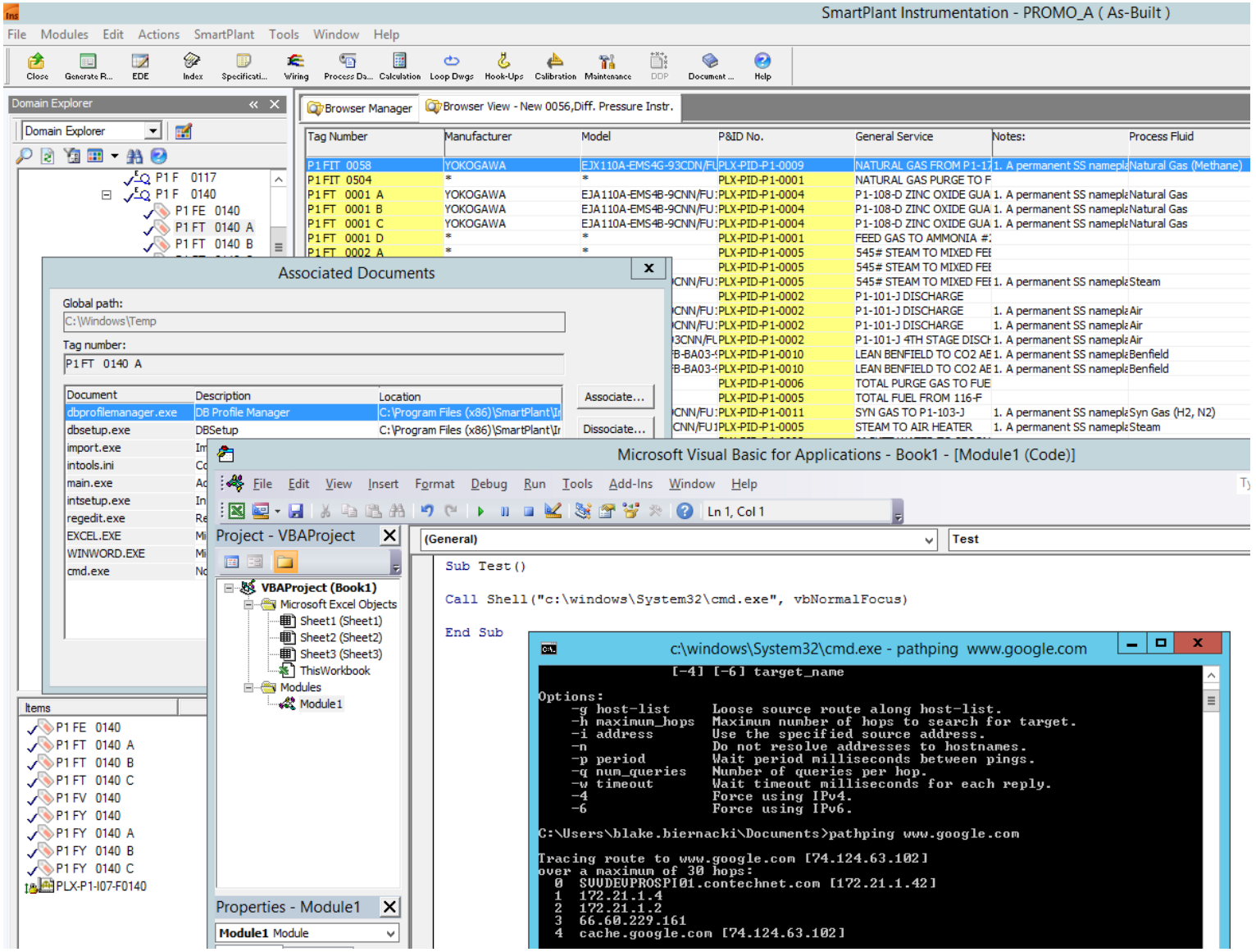
Associated Documents (Main.exe)



Associated Documents (Regedit.exe)



Associated Documents (VBA)



Citrix Implementation

- 80% of companies tested exposed sensitive data.
- Most were vulnerable to arbitrary code execution.
- All issues lied on a poor implementation of Citrix and Applications.
- Some people believe that providing access only to a single application provides some measure of security. Remember, this is not the case.
- “Using the access rules we had acquired at the time, we were able to read the information, including passwords, which gave us system administrator access to every server [several hundred] in the organization. That level of access not only gave us complete control of their systems, but we could have deleted any audit trail we might have left.”

Citrix Implementation

- Advise Citrix Admins of these issues
- Ensure the system is locked down through penetration testing
- Confirm access to specific roles for users
- Use dual layer authentication
- Do not use restriction policies as a replacement for antivirus
- Have a thorough and complete understanding of your network environment

Q&A / Discussion