



**IXARO Web GUI Clients**  
 Browser HTTP/HTTPS  
 Port 80/443 (TCP)

**Web Application Server:** Apache Tomcat  
 Web GUI, Java-Backend

**Internal Ports (TCP):** 8005, 8009  
**External Ports (TCP):** 8080, 8443, 80, 8443 – only one these needs to be open

**Database Server:** MySQL, MariaDB  
 Application Settings, Users/Passwords, Session IDs, Pagers, Gates, Truck Data, Transmitter Configurations, Logs

**Internal Port (TCP):** 3306

**Both servers run as a Windows service**