Unity BioReactor Simulator summary and requirements

The new and updated version of the BioReactor Simulator software has a slightly different set of requirements than the original Simulator application.

The system has been redesigned to be a lot more autonomous and independent of a reliable network and Internet connection compared to the previous version. I.e., the system is designed to work even if the instrument is unable to maintain a constant connection to the Internet.

The instrument automatically attempts to connect to our online servers and requires that:

- **TCP** connections using **HTTP** over port **80** is allowed
- Sending requests and receiving responses (over TCP/HTTP/port 80) is allowed
- Access to the IP address **188.166.195.69** (port **80**) – it could sometime in the future be subject to change and preferably this IP address should not be hardcoded but instead (if possible) be set to the resolved IP for the DNS name **api.unity.bioprocesscontrol.com**
- If URL filtering is active in any firewall(s) they need to be configured to include the permission to access the following URLs:
    - http://unity.bioprocesscontrol.com
    - http://*.unity.bioprocesscontrol.com (all subdomains)