

# Queensgate 6000 Series Controller application file quick guide

## Overview

This guide provides a basic instruction for updating the “Application File” Firmware (.tgz file) on Queensgate 6000 series nanopositioning controllers using the NanoFlash application.

For complete instructions please refer to document PS-000494-UM User manual: NanoFlash Reprogramming Software for Nanoscan NPC-D Series Controllers.

## Programming

### 1. Select application file:

- 1.1. Press “Open...” button next to the Application file box.
- 1.2. Browse to location where .tgz file is stored on host PC, select file and press “Open”.

### 2. Programme controller:

- 2.1. Press “Program Application”
- 2.2. Wait until complete
- 2.3. Press “Reboot controller”

### 3. Validate installation:

- 3.1. Once controller has restarted press “Get controller settings”.
- 3.2. Confirm application version reported matches the .tgz file loaded.

If any errors are encountered please consult the NanoFlash user manual, or your local Prior office for support.

## Prerequisites

- Latest release of NanoFlash is installed on host PC.
- Ethernet port or USB-to-Ethernet adapter is configured as:
  - Internet Protocol Version 4 (TCP/IPv4)
  - IP address: 196.168.0.3
  - Subnet mask: 255.255.255.0
  - Default gateway: Blank

