Neptune Computer Setup Guide

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This document explains how to setup a computer for use at a swim meet, including operating system installation. To complete these steps, you will need: the computer, all printers, Windows and Meet Manager installation media, Dolphin base USB device, USB to Serial adapter, and internet access. This work is intended to be done by someone with computer technician skills – either a Neptune employee, volunteer athlete or parent, or a computer setup company such as Santa Rosa Computers. Instructions are written for current hardware and software; changes may be necessary over time as parts and software are replaced or migrated.

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Obtain Installation Media

Windows 10 ISO: https://www.microsoft.com/en-us/software-download/windows10ISO
Windows 10 Media Creation Tool: https://www.microsoft.com/en-us/software-download/windows10

Burn a DVD or create a bootable USB flash drive containing the Windows installer.

Install Windows

1. Boot to DVD/USB
2. Select Language
3. Click Install Now
4. Enter Product key if necessary
5. Click Install Windows Only (Custom/Advanced)
6. Delete all partitions and Select Unallocated Space, Click next
7. Connect to WiFi or Ethernet, if available
8. Click Customize Settings
9. Turn off all options except Smartscreen
10. Click Skip this step if prompted to enter Microsoft account information
11. Enter "Neptune" for User Name and do not enter a password
12. Click "not now" to disable Cortana
13. Run Windows update; if drivers remain missing, download from manufacturer website
14. Unpin all tiles from the Start Menu and shrink
15. Unpin Windows Store from taskbar
16. Settings -> Personalization
    a. Start: turn everything off except recent files
    b. Lock Screen: Picture
17. Task Manager -> Startup, Disable Microsoft OneDrive
18. Control Panel -> System and Security -> System -> Change Settings -> Change
    a. Computer Name: SRN-PC1,2,3,etc
    b. Workgroup: WORKGROUP
19. Control Panel -> Network and Internet -> Network and Sharing Center -> Change Advanced Sharing Settings
    a. For both Public and Private networks: Network discovery on, File and printer sharing on, Auto setup off
    b. For All Networks: Password protected sharing off
20. Control Panel -> Hardware and Sound -> Power Options
    a. Choose what the power buttons do, Disable fast startup
    b. Change when the computer sleeps, set never put computer to sleep when plugged in
21. If touch screen, File Explorer -> View -> Disable item check boxes
22. Edge -> … -> Settings
    a. Open Edge with a specific set of pages: https://www.google.com/
    b. open new tabs with a blank page
    c. Advanced settings -> turn off password and form saving
    d. go to google.com
    e. Advanced settings -> Change search engine -> set google as default

Install Hardware

Printers

1. Plug in the first Kyocera printer SRN-PR1 into computer and allow driver to auto install
2. Control Panel -> View Devices and Printers -> Right-Click Printer properties -> Name printer SRN-PR1
3. Repeat the above two steps for the second Kyocera printer, SRN-PR2
4. Plug in the HP LaserJet P1102w printer into computer
5. run SISetup.exe to install driver from mounted disk
6. configure to print using USB, disable direct print, do not register product, and disable eprint
7. Control Panel -> View Devices and Printers -> Right-Click Printer properties -> Name printer SRN-PR3
8. On all 3 computers, launch Devices and Printers, Right click on the printer attached, and select "Set as default printer." If a window comes up saying "Setting this printer as default will stop managing your default printer", click "OK" to disable printer manager service.

USB Serial Adapter

1. plug in the usb-serial adapter and verify it is recognized in device manager

Install Applications

Hy-Tek Swim Meet Manager

1. Insert Disk, run setup.exe
2. Accept the agreement and use default settings
3. When Meet Manager starts, disable language prompt at startup
4. Pin to taskbar, and create desktop link to C:\Hy-Sport\SwMM5\SwimMM5.exe if not present
5. SwimMM5.exe -> Right-click properties -> Compatibility -> Windows 8 mode
6. Check for updates, install

CTS Dolphin

1. Download dolphin from https://www.coloradotime.com/support-overview/installation-methods/ , Dolphin tab
2. Run InstallCTSDolphin_xx.exe
3. Accept the agreement and use default settings
4. Connect dolphin base usb device; this auto-launches driver installation
5. Pin to taskbar and create desktop link to C:\CTSDolphin\Dolphin.exe

Gadwin PrintScreen

1. Download printscreen (non pro) from http://www.gadwin.com/download/
2. Extract Zip and Run PrintScreenxxx_Setup.exe
3. Launch Gadwin -> Options
   a. Preferences -> Disable notification messages and auto-hide capture widget
   b. Image -> Disable all
   c. Post-Capture Actions -> save to file, enable send capture to printer, disable preview; print setup -> … -> Orientation: Portrait
4. Launch dolphin with base attached, Crtl-PrntScr, Set rectangular area, enter to print, verify only Dolphin window printed portrait, filling page width

Share Folders

1. C:\CTSDolphin -> Right-click Properties -> Sharing -> Share; Add "Everyone" with read access and click Share
2. C:\swmeets5 -> Right-click Properties -> Sharing -> Share; Add "Everyone" with read and write access and click Share