

## HMS Client Server Port, GDT and Export Settings Tech Tip For HMS 6.4 onwards

This tech tip will show you how to configure the settings for the HMS Client Server so that you can ensure the settings are correct when using the software at any point, but especially for the first time.

The software settings are for the logged-in Windows user only, when a new user logs in they may need to check their settings at that time.

1. Open the HMS Client Server via the icon on the desktop



2. Double-click on John Doe.

A screenshot of the 'Patient List' window in the HMS Client-Server software. The window has a blue title bar and a search bar at the top right. Below the search bar is a table with columns: Name (with a dropdown arrow), First name, Patient ID, Date of birth, and Last ABPM. The table contains two rows: 'Doe' with first name 'John', patient ID '9999999999999999', date of birth '02/08/45', and last ABPM '08/10/19'; and 'Doe Jr.' with first name 'John', patient ID 'ID-2005-00000000...', date of birth '04/07/98', and last ABPM blank. At the bottom of the window are three buttons: 'Open patient' (with a checkbox icon), 'New patient' (with a person icon), and 'Cancel' (with an 'X' icon).

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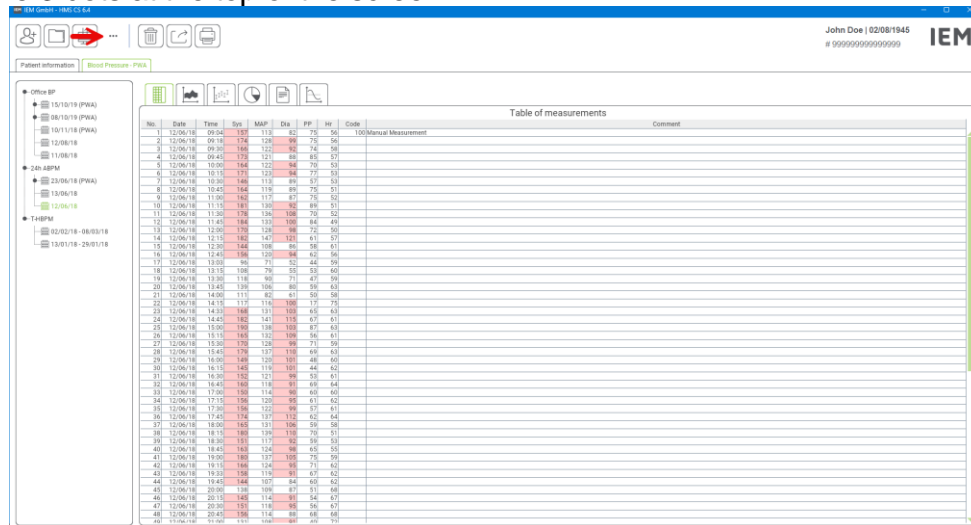


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### 3. Click the 3 dots at the top of the screen



The screenshot shows the IEM software interface. At the top, there's a patient information bar with the name 'John Doe | 02/08/1945' and a unique identifier '# 9999999999999999'. Below this, there's a 'Table of measurements' section. The table has columns for 'No.', 'Date', 'Time', 'Sys', 'Dia', 'MAP', 'PP', 'HR', 'Code', and 'Comment'. The data rows show various blood pressure readings over time, with some values highlighted in red. The interface also includes a sidebar on the left with navigation options like 'Office BP', 'COPD/CHF', and 'TAFPM'.

No.	Date	Time	Sys	Dia	MAP	PP	HR	Code	Comment
1	12/09/18	09:50	185	115	82	75	56	100	Manual Measurement
2	12/09/18	09:10	176	120	89	79	56		
3	12/09/18	09:50	180	121	82	74	56		
4	12/09/18	09:40	179	121	80	80	57		
5	12/09/18	10:00	166	122	84	79	52		
6	12/09/18	10:10	173	123	84	77	53		
7	12/09/18	10:30	160	119	87	57	52		
8	12/09/18	10:40	164	119	89	79	51		
9	12/09/18	11:00	162	119	87	75	52		
10	12/09/18	11:10	161	120	82	89	51		
11	12/09/18	11:30	176	134	100	79	52		
12	12/09/18	11:40	184	133	100	84	49		
13	12/09/18	12:00	176	134	98	75	50		
14	12/09/18	12:10	182	147	121	61	57		
15	12/09/18	12:30	164	109	81	56	61		
16	12/09/18	12:40	166	120	84	62	56		
17	12/09/18	13:00	80	79	52	44	59		
18	12/09/18	13:10	108	79	55	53	60		
19	12/09/18	13:30	118	80	71	47	59		
20	12/09/18	13:40	139	100	80	58	63		
21	12/09/18	14:00	111	80	47	55	58		
22	12/09/18	14:10	117	114	100	17	76		
23	12/09/18	14:30	140	131	100	65	63		
24	12/09/18	14:40	182	141	115	67	61		
25	12/09/18	15:00	164	134	100	67	60		
26	12/09/18	15:10	145	131	109	56	61		
27	12/09/18	15:30	170	134	98	71	59		
28	12/09/18	15:40	179	137	110	69	63		
29	12/09/18	16:00	164	130	107	66	60		
30	12/09/18	16:10	145	119	107	44	62		
31	12/09/18	16:30	122	96	53	61			
32	12/09/18	16:40	140	118	87	69	64		
33	12/09/18	17:00	160	114	80	60	60		
34	12/09/18	17:10	156	120	85	63	62		
35	12/09/18	17:30	160	120	86	67	61		
36	12/09/18	17:40	174	137	112	62	64		
37	12/09/18	18:00	145	121	106	58			
38	12/09/18	18:10	180	139	110	70	51		
39	12/09/18	18:30	177	137	112	62	64		
40	12/09/18	18:40	163	124	98	65	55		
41	12/09/18	19:00	160	121	100	79	59		
42	12/09/18	19:10	166	124	95	73	62		
43	12/09/18	19:30	170	130	107	87	62		
44	12/09/18	19:40	144	107	84	60	62		
45	12/09/18	20:00	100	87	51	58			
46	12/09/18	20:10	140	114	87	54	67		
47	12/09/18	20:20	155	118	89	56	67		
48	12/09/18	20:40	136	114	80	60	65		
49	12/09/18	21:00	157	106	89	55	70		

4. Ensure that the General settings match – Bluetooth can be turned off if using the download cables only – and then go to Port Settings

**IEM Options**

Port settings | eHealth Service | Report | GDT settings | Export | Audit trail | Customisation

**General**

- ☒ Show patient list after program start
- ☒ Bluetooth active
- ☐ Combine SBPM Measurements
- Triple PWA Pause (Seconds): 30

**Units**

- Weight unit: kg
- Length unit: cm
- Resist unit: s\*mmHg/ml

**Calibration**

- Frequency of calibration (Months): 12

**Others**

- Language
- Database
- Global blood pressure limits
- About

**Device names**

- Device names

**Import**

- GDT
- Patient

**Data back-up**

- Store data
- Restore data

✓ Save | ✕ Cancel

5. Ensure that the Mobil-o-Graph is connected with CO on its screen, then click Add device

IEM Options

General Port settings eHealth Service Report GDT settings Export Audit trail Customisation

Serial / IR / USB Bluetooth

Interface	Type	Last connection
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+ Add device

✓ Save

✕ Delete device

⚙ Connectivity test

✕ Cancel

6. Click Search

IEM Connection to the device

Interface

Type

Search

✓ Save

✕ Cancel

7. Make sure it has detected your device and then click Save – please note your Interface may display a different COM number

Connection to the device

Interface: serial:COM5 Type: Mobil-O-Graph

Search Save Cancel

8. If the download cable has a green sheath repeat steps 45 to 47 with all free USB slots on the PC. If the download cable has a blue sheath move directly to step 49
9. Click Save
10. Go to GDT Settings

Options

General Port settings eHealth Service **GDT settings** Export Audit trail Customisation

General

☒ Show patient list after program start

☒ Bluetooth active

☐ Combine SBPM Measurements

Triple PWA Pause (Seconds)

30

Units

Weight unit

kg

Length unit

cm

Resist unit

s\*mmHg/ml

Calibration

Frequency of calibration (Months)

12

Others

Language

Database

Global blood pressure limits

About

Device names

Device names

Import

GDT

Patient

Data back-up

Store data

Restore data

Save Cancel

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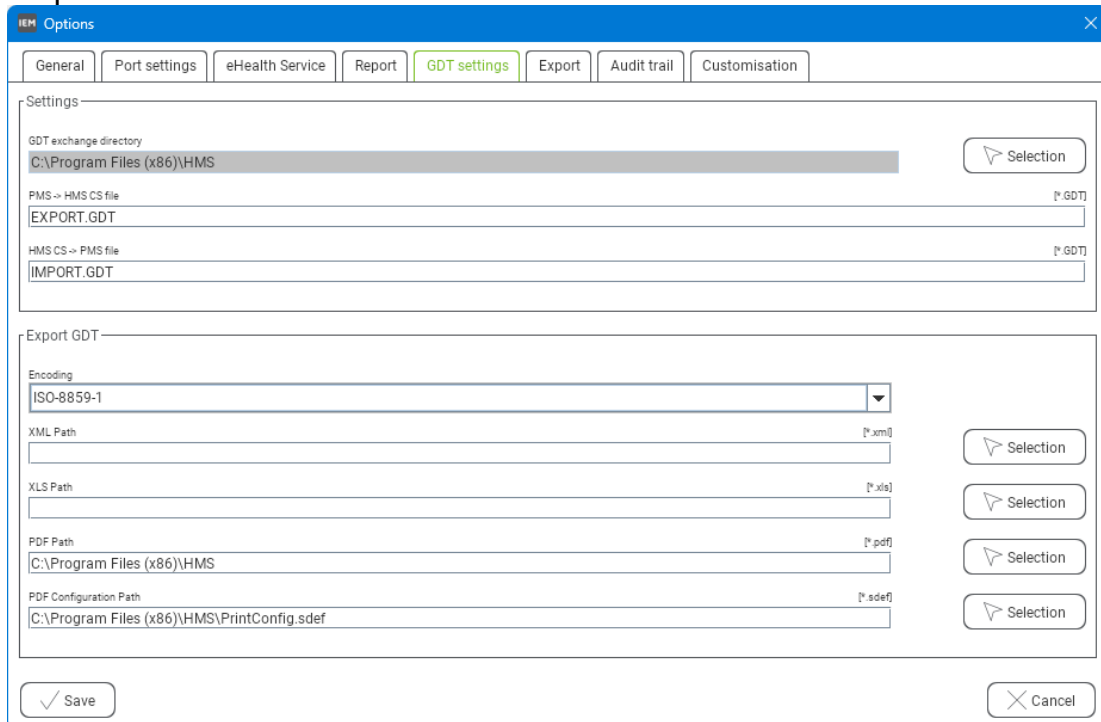
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11. Ensure that all fields match, if needed use the selection button to navigate to the relevant file paths and then click Save.



The screenshot shows the 'numed Options' dialog box with the 'GDT settings' tab selected. The dialog has several tabs: General, Port settings, eHealth Service, Report, GDT settings (active), Export, Audit trail, and Customisation. The 'Settings' section contains the following fields:

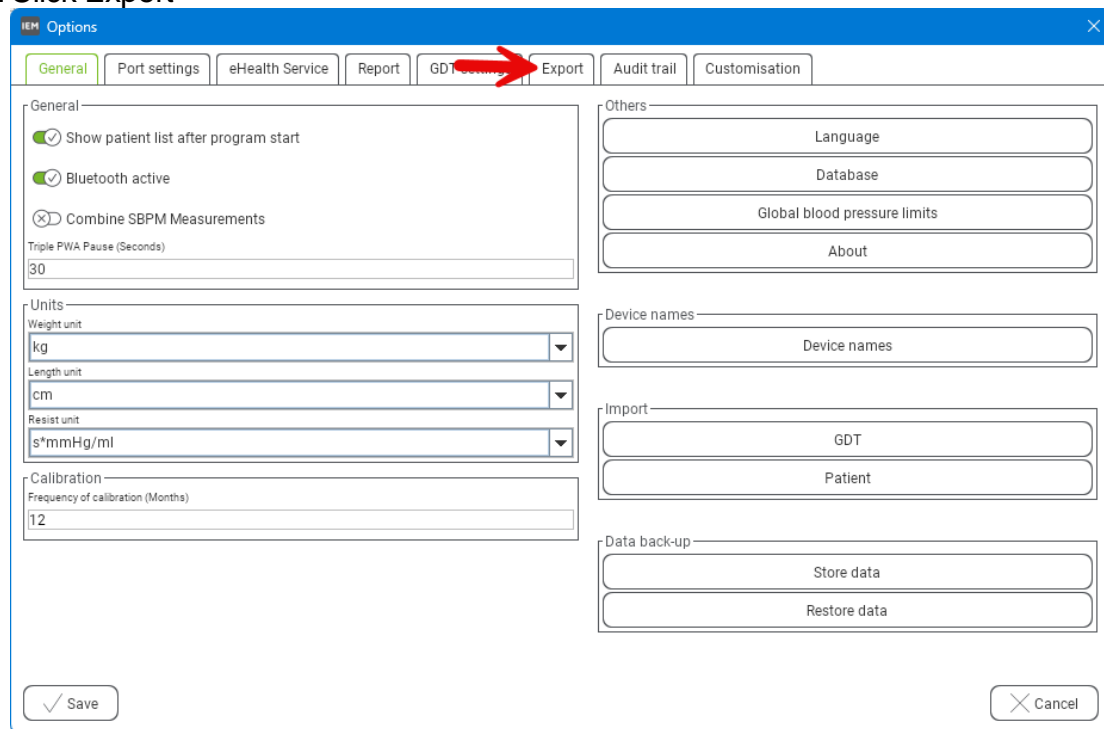
- GDT exchange directory: C:\Program Files (x86)\HMS (with a Selection button)
- PMS -> HMS CS file: EXPORT.GDT (with a file selection button)
- HMS CS -> PMS file: IMPORT.GDT (with a file selection button)

The 'Export GDT' section contains the following fields:

- Encoding: ISO-8859-1 (dropdown menu)
- XML Path: (with a file selection button)
- XLS Path: (with a file selection button)
- PDF Path: C:\Program Files (x86)\HMS (with a file selection button)
- PDF Configuration Path: C:\Program Files (x86)\HMS\PrintConfig.sdef (with a file selection button)

At the bottom of the dialog are 'Save' and 'Cancel' buttons.

## 12. Click Export



The screenshot shows the 'numed Options' dialog box with the 'Export' tab selected. A red arrow points to the 'Export' tab. The dialog box contains several sections:

- General:**
  - ☒ Show patient list after program start
  - ☒ Bluetooth active
  - ☒ Combine SBPM Measurements
  - Triple PWA Pause (Seconds): 30
- Units:**
  - Weight unit: kg
  - Length unit: cm
  - Resist unit: s\*mmHg/ml
- Calibration:**
  - Frequency of calibration (Months): 12
- Others:**
  - Language
  - Database
  - Global blood pressure limits
  - About
- Device names:**
  - Device names
- Import:**
  - GDT
  - Patient
- Data back-up:**
  - Store data
  - Restore data

At the bottom, there are 'Save' and 'Cancel' buttons.

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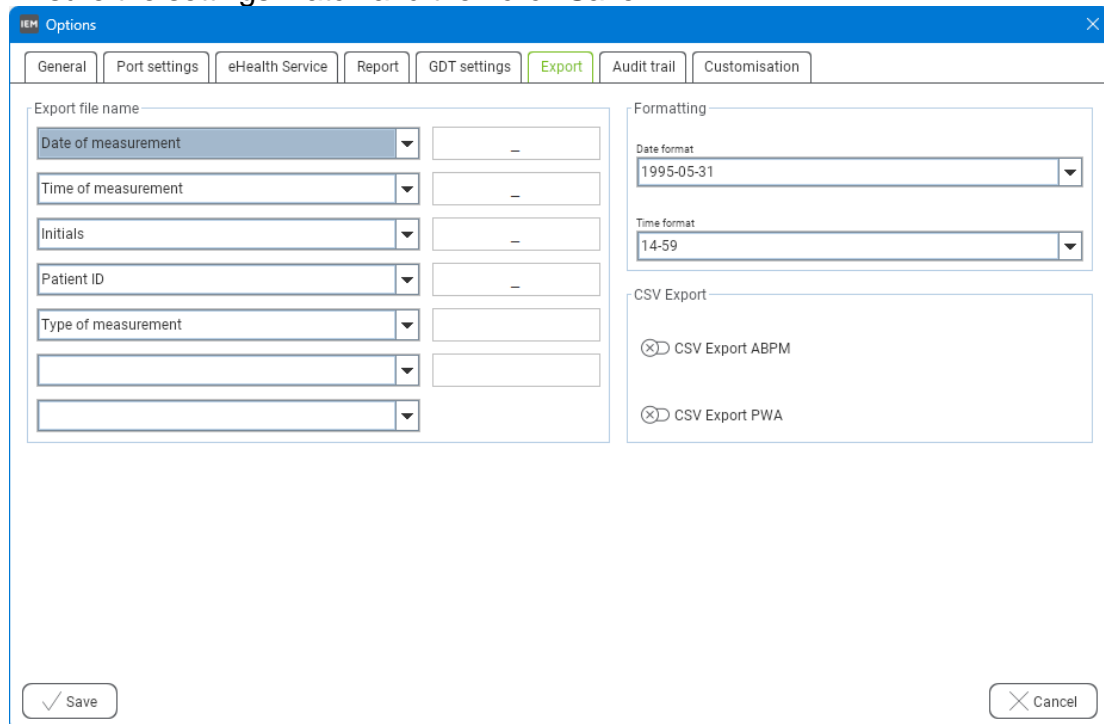
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### 13. Ensure the settings match and then click Save



Your software is now ready for use and you are now able to use the Mobil-o-Graph, if you have any issues or problems connecting the device please contact Numed support via <https://www.numed.co.uk/support> or by calling 0114 399 0010 option 3.

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