

UNITY

SW UPDATES HISTORY LOG

Rev. 3.5.32 (23/10/2015) – MIDDLEBOARD rev.3.5.23 (UNITY 1.0)–BIOS: 7

rev.10.1.23 (UNITY 2.0)–BIOS:1003

NEW FEATURES:

- New functionality: **MW Cloud Login by Bluetooth (BTLE login)**
This functionality allow the User to login MW Cloud by Bluetooth device.
It is available only for iPhone and iPad devices.
You must have installed the proper App (MW App), available on Apps Store.
- New functionality: **Third parts login**
This functionality allow the User to login on Unity by custom Training app.
Store manage custom Training app by Club's facility url .
The login can be done by User's username/password imputation or through QR Code .
- New functionality: **Isotonic exercises progressions**
Isotonic exercises performed on the equipment or marked as completed on Unity, can be modified and re-saved by Unity/UnitySelf Training App.
At the next "Start workout", isotonic exercises will be proposed with new sets, loads, etc.
- Improved functionality: **Training system bar's restyling**
Training system bar allow you to visualize and change the exercise's parameters when you are browsing app. Now, it's been released with new design.
- Modified in **Service Menu – MyWellness** address of Mywellness and Notification.
The default setting becomes the following:
<https://services.mywellness.com/>
<https://comm.mywellness.com/>
- Removed the settings "HttpsServices" and "mwCloudHttpsPort", in the page **Service Menu – MyWellness** because not more used.
- Added Touchscreen calibration history log.
- Low kit error log delivery to Asset.

MAIN BUGS FIXED:

- **"Unity doesn't display iPod's video if it has got only one video"**
- **"Error logs will not open"**: The error caused that EXCITE UNITY machines cannot access the errors log. Shows message 'wowconfigurationmenu has stopped'

Rev. 3.4.90 (03/08/2015) – MIDDLEBOARD rev.3.5.23 (UNITY 1.0)–BIOS: 7

rev.10.1.23 (UNITY 2.0)–BIOS:1003

NEW FEATURES:

- New functionality: **MW Cloud login restyling.**
During user's MWCloud login, Unity shows a dynamic circle with user profile image.
- New functionality: **Treadmill Joystick's acceleration response.**
Speed joystick is more responsive and speed variation is more accelerated.
- New languages: **Thai, Polish, Catalan, Hebrew, Traditional Chinese.**
- New functionality: **iPod/iPhone video by docking connector.**
Now, user can play iPod/iPhone video by Unity docking connector.
- Improved functionality: **Exercises images.**
Added new exercises images on Unity's Home dashboard.
- New functionality: **Fit Test** (only on Bike/Recline Artis).
Fit Test is a submaximal training test and it allows user to calculate his V02Max.
- New functionality: **Delete button in exercise details** (on Training App workout schedule).
After the exercise "marked as completed" (on exercise detail) it's possible re-initialize exercise like "exercise to do" by delete button.
- Improved Apps: **Store Apps update.**
Fios Mobile ver. 3.6.7; YouTube ver. 10.20.55; Tunein Radio ver.13.5.1; Pandora ver. 6.1; RedBull TV ver. 3.6.0.9.
- Added new functionality: **Personal Records**

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During training program, Unity save user's personal records on MWCloud and notified them by popup when a record has passed.

User can see Personal Records by Personal Record tile (on Unity dashboard) or Personal Record icon on training feedback results.

Personal Records are only available for Users with MWCloud account.

Personal Records include:

Workout's personal records:

- The highest number of MOVES collected in a workout session
- The longest workout session duration (sum of only cardio exercises)

Step's personal records:

- The highest number of MOVES on step
- The highest number of floors

Bike/Recline/Synchro/Vario/Crossover/Top's personal records:

- The highest number of MOVES on specific equipment

Treadmill's personal records:

- The longest duration on treadmill
- The longest distance on treadmill
- The highest number of MOVES on treadmill
- The highest average speed (best average pace) on a max-3Km exercise on treadmill
- The highest average speed (best average pace) on a max-5Km exercise on treadmill
- The highest average speed (best average pace) on a max-10Km exercise on treadmill
- The highest average speed (best average pace) on a max-15Km exercise on treadmill

- "iPod tile has changed in Music tile".

MAIN BUGS FIXED:

- "Connectivity issues with MWLogin".

Fixed a problem for the manual or QR code login to MW Cloud.

- "TGS key revoked".

Fixed a problem for which the key is revoke if the machine has a problem reading it and one of these 3 parameter is sent incorrectly to cloud: UserDeviceId (user identification), MifareId and Key Type (TGS or mywellness key).

- Fixed problem on visualization of "Closed caption on US analogic channel"

- "TV channel with dynamic PID".

Fixed a problem to avoid that after every shut down of the main electrical power supply where the Gym is installed, the channels with dynamic PID were no more visible.

For the correct functioning, Unity requires also the digital board firmware DVB-T/C HD: 0.25 YUV.

- "Download and installation custom screensaver".

Fixed a problem which cause custom screensaver reverting back to default TG images.

- "Login with external app".

Fixed a problem to login with external app.

- "Training programs started simultaneously".

Fixed a problem which cause for example the start of EasyStart training simultaneously with any other exercise.

- "UNITY reset".

Fixed a problem which cause the reset of the device after 25-30 min. in standby or even during the workout.

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Rev. 3.2.24 (21/04/2015) – MIDDLEBOARD rev.3.5.19 (UNITY 1.0)–BIOS: 7

rev.10.1.19 (UNITY 2.0)–BIOS:1003

NEW FEATURES:

- "Serial Number imputation at Unity equipment power on".
If the SN stored into the UNITY main board is missing or not correct (ie. "SSERIAL_NUMBERR") the device will automatically ask to input it.
- Possibility to disable the "Games" tile from the dashboard. When the machine is "offline" it's possible to enable/disable the "Games" tile from the 2501 menu.

MAIN BUGS FIXED:

- Calories calculation for not logged users workout.
An automatic job will clear all the user data, at the end of exercises where a not logged user is asked to insert personal data (weight, age, height), so that the device will use generic data for following exercises. This operation last about 15 sec. at the end of the exercise.
- MyFare chip not recognized by NFC card.
Fixed a problem in the 3.0.112 version, which avoid to recognize the MyFare chip in proximity mode by the NFC card.

Rev. 3.0.112 (06/03/2015) – MIDDLEBOARD rev.3.5.17 (UNITY 1.0)–BIOS: 7

rev.10.1.17 (UNITY 2.0)–BIOS:1003

WARNING:

ON THE EXCITE LINE TREADMILL (equipment with ALE/ALEMET driver) is mandatory to run a STANDARD Setting after the upgrade. After that the P08 parameter is automatically set to "0".

NEW FEATURES:

- EXCITE LINE TREADMILL: Changed **P08 parameter default value** on equipment with ALE/ALEMET inverter. P08 changed from 250 to 0.

MAIN BUGS FIXED:

- Unity Self TGS Key not uploaded correctly.
- Unity Personal's speakers muted when using joystick or fast track.
- Malfunctioning of Speed/incline increase/decrease dashboard's buttons.
- Treadmill speed joystick with slow variation.

Rev. 3.0.105 (14/01/2015) – MIDDLEBOARD rev.3.5.6 (UNITY 1.0)–BIOS: 7

rev.10.1.6 (UNITY 2.0)–BIOS:1003

WARNING:

1. **DO NOT INSTALL** this SW version or mainly a 3.x.xxx on UNITY unless you check the version installed on the device is 2.5.56 or higher. It's mandatory to always install the 2.8.14 SW version for each upgrade to version 3.x.y.
2. **DO NOT INSTALL** this SW version or mainly a 3.x.xxx on UNITY unless you check the Middleboard BIOS (i.e bootloader) version in advance, in 2501 menu.
In fact, with Middleboard BIOS version other than version 7, UNITY will just crash during the upgrade, with no recovery procedure available for this peculiar scenario, generating a replace order.
3. **ONLY for TREADMILL.** After the UNITY SW upgrade from 2.8.14 to 3.0.105 version, all the Excite treadmills will be set as a 900 model.
In case of upgrade on a 700 model, after the SW installation you have to properly configure the equipment to the correct model.

For any further information please refer to NEWS FLASH 2015/002.

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NEW FEATURES:

- Added new functionality: **Family Account**
On Unity equipment, user can create different User's account.
Every personal account allows User to:
 - Automatic MW Cloud login
 - Automatic Apps access login (Facebook, Skype, Flipboard, ...)
 - Automatic load personal games high scores (Angry birds, Sudoku, ...)Family Account can be set in Menu (2406) -> "General Settings".
- Added new UNITY Excite equipment: **Run Excite 900 and Run Excite 700**
Now Unity can manage Excite Run 900 and Excite Run 700.
Run Excite 900: Speed range: 0.8 ÷ 27 Km/h (0.5 ÷ 16.7 mph); Incline Range: 0 ÷ 18 %
Run Excite 700: Speed range: 0.8 ÷ 25 Km/h (0.5 ÷ 15.5 mph); Incline Range: 0 ÷ 15 %
- Added new functionality: **Radio app**
Radio app on Unity dashboard.
- Added new functionality: **Standby Incline joystick enabled** (only on treadmill)
Incline's joystick enabled on Unity Standby.
- Added new functionality: **Bluetooth Band Compatibility** (hearth rate detection band).
By Bluetooth technology, you can now connect a Bluetooth Band to Unity for hearth rate detection.
- Added new training Tests: **Military tests**
Added Military Tests: Army PFT (*Treadmill Artis/Excite*), Marine Corps PFT (*Treadmill Artis/Excite*), PEB (*Treadmill Artis/Excite*).
Navy PRT (*Bike/Recline/Synchro Artis/Excite*), Air Force PRT (*Bike/Recline Artis/Excite*).
- Added new functionality: **Games apps Tile on OFFLINE mode dashboard**
- Added new functionality: **Screensaver TV**
"Screensaver TV" enable is in the HomePage of Menu (2501). You can also select the TV channel.
"Screensaver TV" can be also personalized and managed by MyWellness Club management software.
"Screensaver TV" is ON by default and the default channel is Ch1.
- Change functionality: **High Hearth Rate Warning popup moved**
"High hearth rate" popup displayed on the upper side of the dashboard.
- Improved functionality: **TV tile**
New TV tile shows the available TV channels.
- Improved functionality: **Outdoors Training**
"Outdoors" are specific videos of different locations routes, which User can play during the training.
Now user can change the Outdoor video during outdoor training.
- Added new functionality: **Isotonic exercise's adjustments and ROM reset**
Isotonic exercise's adjustments and ROM reset by Training app.
- Added new functionality: **"Close Workout" button and Training Effectiveness page on training app**
When the user closes the workout using "Close Workout" button, Unity training app shows "Training Effectiveness" page.
- Added new functionality: **Workout program expired alert message**
When the workout program expired, training app shows "Workout program expired alert message".
- Added new functionality: **Training Test program load/assignable on TGS/MWKey**
Test programs are loadable/assignable on TGS/MWKey.
- Improved functionality: **Facebook's post custom logo**
Facebook's post custom logo by MyWellness Club management software.
- Added new functionality: **Cardio log graphs on MWCloud**
On MWCloud user can see cardio log graphs for treadmills's or Bike's exercises.
- Added new language localization: **Training App Turkish localization**
- Added and improved new **Unity Apps Update management**
Unity Apps are automatically updated by MW Store.
- Added new SW improvement: **FacilityURL's automatically setting**

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Cross-check by equipment Serial Number for equipment with VIRTUAL or wrong facilityURL.

- Improved functionality: **Https service communication** Protocol for secure service's communication.
- Added new functionality: **Enable/Disable switch for Radio/Music/Bluetooth** dashboard tiles.
In "HomePage" -> Menu (2501).
- Added new ASSET properties:
 - *Equipment's Serial Number modification*
 - *P01-P13 parameters readings*
 - *Midnight App enable/disable*
 - *HighKit SW version Tracking - query EAM208 Software Update and EAM203 Log Fault*

MAIN BUGS FIXED:

- Unity Start button doesn't work (popup management)
- Unity 2.7.50: problem with TGS key login
- Music's tile localization language
- Run Artis wrong pace shown in min/mile
- No LAN connection in UNITY, if IP address is not assigned in 30 seconds
- Cross Personal effort level
The exercise's effort level is changed from 12 to 25.
- "Select equipment" window is displayed at the first switch on if the device has never been configured
- Unity audio mixer optimization for all sources
- Unity IPTV: VLAN default enabled with 2.8.x SW version; VLAN default disabled with 3.0.105 SW version.
- First pairing with Apple devices
- UnitySelf: empty key messages
- Unity/UnitySelf:
 - Records exercises with the wrong data
 - Loosing of strength series
- RENEW models: Menu 2112 – Fixed visualization of the Lowkit localization default
- RENEW models: Menu 2112 – Proper configuration popup after Read button is pressed
- "Standard Setting": Standard Setting sets only the lowkit data: Parameters, Up/Down table, User detect, etc.
- Missing BT & Music tiles
- Cross Training and Hills exercises algorithm
- Treadmill CPR and Fitness Test exercises algorithm
- American's main voltage settings and relevant speed range on Excite Treadmill

Rev. 2.8.14 (18/09/2014) – MIDDLEBOARD rev.3.4.13 (UNITY 1.0)–BIOS: 7

rev.10.0.14 (UNITY 2.0)–BIOS:1003

MAIN BUGS FIXED:

- Fixed issue on "**Create restore points**" utility.
- Fixed issue: "**Wrong Turkish, Danish, Korean translations on exercises input data**".
Improved and fixed some strings.
- Fixed issue: "**Music's tile localization**".
Added Music's tile localization for the following languages: Russian (PYC), Turkish, Chinese, Korean.

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Rev. 2.8.12 (18/09/2014) – MIDDLEBOARD rev.3.4.13 (UNITY 1.0)–BIOS: 7

rev.10.0.14 (UNITY 2.0)–BIOS:1003

NEW FEATURES:

- **Recovery Key** management. Recovery Key is usable starting from rev. **2.8.12** (or higher).
- Possibility to create **restore points** (Menu 2406/GeneralSettings/"Create restore point" button).
This feature allow the User to create a Unity backup settings database (Serial Number, equipment, MW facility, user configs, etc).
Unity **restore points are created** when:
 - Change SW version by SW Upgrade (automatically created);
 - Standard settings (automatically created);
 - Restore point button is pressed (manually created by User operator).
- Possibility to **restore backed settings** (Menu2406/GeneralSettings/"Restore backed settings" button).
This feature allow the User operator to restore the backed settings database (Serial Number, equipment, MW facility, user configs, etc) to the last restore point.
The feature is useful whenever Unity platform loses configuration's settings (for example after SW upgrade).
- **Removed** functionality: "**Restore previous settings**" button (service menu 2501/Tools).
- Upgrade to **Skype 5.0**.
- Changed "**Standard Settings**": Languages and unit measurement are no longer set by Standard Setting.

MAIN BUGS FIXED:

- Fixed issue: "**Training program blocked**".
A SW watchdog stop and terminate the training program if blocked and Unity back to "*Home Standby*" dashboard.
- Fixed issue: "**Middleboard connection failure after SW reboot**".
- Fixed issue: "**TV app crash after TuneIN radio app opening**".
- Fixed issue: "**DHCP Lan with slowly IP assignment compatibility (fix by distro_rel36)**".
- Fixed issue: "**Audio selection on Multilanguage stream videos (JAP/ENG/JAP+ENG)**".
- **UNITY 2.0: fixed disconnection issue while using Bluetooth Earphones.**
- **UNITY 2.0: fixed noise problem when streaming from Apple devices via Bluetooth.**
- "**Added check and fix of eMMC size at startup**".
To fix errors which cause impossibility to install all OUTDOORS clips.
- Fixed issue: "**Run Personal Up/Down table settings**".
"*Up/Down's table points*" and "*Up/Down Set to default functionality*" have been fixed.
- Fixed issue: "**Standard setting after change equipment doesn't work properly**".
Now, the "*Standard setting*" wait few seconds to start after "*change equipment*" to avoid Unity's reboot.
The bug was clear during CSAFE test.
- Fixed issue: "**Microphone Test doesn't work**".
- Fixed issue: "**Norwegian, Finnish (Suomi), Portuguese daily reset time setting**".
Daily reset time setting to use 24h format.
- Fixed issue: "**VO2 feedback and weight measurement unit on Test exercises**".
VO2 was always displayed with European weight measurement unit (Kg).
- Fixed issue: "**Exercise tiles French string localized in Spanish language**".
Now, exercise tiles string are properly localized in French language.
- **CSAFE error: fix with 3.4.12 middleboard version** (POWERDOWN_TX_CSAFE pin initialization).

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Rev. 2.7.50 (10/07/2014) – MIDDLEBOARD rev. 3.4.11 – BIOS: 7

WARNING: WHENEVER YOU NEED TO UPGRADE A DISPLAY TO THIS VERSION, PLEASE TAKE CARE TO HAVE A CSAFE PLUG (cod. 0WCU0825AA), TO BE USED TO RECOVER THE DEVICE IN CASE OF SW ERROR (see News Flash 2014/007).

NEW FEATURES:

- Added: **Maps & Outdoor workout** (only on treadmill).
Outdoor workout monitored by GPS fitness app can be repeated on Unity Treadmill equipment.
The compatible GPS fitness apps are: *FitBit, MapMyFitness, MyFitnessPal, Runkeeper, Strava, Swimtag, Withings*.
User have to associate the fitness app to his MWCloud account. From the next time user login on Unity equipment, Outdoor workout will be shown on "Latest Exercise".
- Added new training Tests: **Military tests** (only on treadmill).
New Military Tests: Gerkin Protocol (*Treadmill Artis/Excite*), Air Force PRT (*Treadmill Artis/Excite*), Navy PRT (*Treadmill Artis/Excite*).
- Added new training Tests: **Maximal tests** (only on treadmill)
NEW Maximal Tests: Bruce (*Treadmill Artis/Excite*), Bruce Modified (*Treadmill Artis/Excite*), Naughton (*Treadmill Artis/Excite*), Balke&Ware (*Treadmill Artis/Excite*), Astrand Modified (*Treadmill Artis/Excite*), Costill&Fox (*Treadmill Artis/Excite*).
- Added new UNITY equipment management: **Personal Line**.
The following equipment are now managed: Run Personal, Recline Personal, Cross Personal.
The Personal equipment have their MW Facility URL: **mytrainer**.
- Added new languages: **Swedish, Norwegian, Finnish (Suomi), Chinese, Korean**.
- Added: **Games apps Tile categorization**.
Games tile is like a "container", it contains different games apps. Games management is powered by MyWellness Store management software.
- Added: **Intermediate save exercise data** (only for TGS/MWKey training)
When TGS/ MWKey is used, exercise performance data are now saved every 20 seconds.
- Added: **Stop exercise by TGS/MWKey extraction**
If the user extract the TGS/MWKey during the workout, the training will be stopped and he will be logged out from Cloud.
- Added: **MTP (Multimedia Transfer Protocol)**
UNITY allows User to navigate his Android or Windows8 smartphone's mp3 contents by USB cable. Music app will automatically open and shows User's device files. Device must not be blocked by PIN.
Not all the devices may be compatible with UNITY.
- Added: **Bluetooth Earphones compatibility**
By Bluetooth technology, it's possible to connect a Bluetooth Earphones to Unity.
User must open Bluetooth Earphones app on Unity dashboard and follow the instructions.
- Added: **Web and TV tiles removing**
Added in *Menu 2406 -> Appearance setting -> Web enabled and TV enabled ON/OFF*.
This setting allows to show or not WEB and TV tiles, in case of machine OFFLINE.
- Added: **Run Lowkit Version Filter (TGSsupport requests)**
- Added new **lowkit Firmware**:
 - *LASER: Vario 5508, Top 6508*
 - *HERS: Hers v13 safety 01, Hers v13 safety 04*
 - *ALEWIN: Alewin AC 2.80, Alewin BL 2.104*
- Change **Instant METS and Kcal/h** on Training system bar.
Now the training system bar shows the *Instant METS and Kcal/h* while previously, it shows *average values*.

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- Added: **Display Daily Reset**
Added in *Menu 2501 -> Device -> Display Daily Reset functionality*. Unity will reset at the set time.
 - Step 1) Enable the Display Power Cycle (only with upgrade USB Key).
 - Step 2) Set daily reset time.
 - Step 3) Quit from Device page
- Added: **Ethernet IP static setting**
DHCP On/Off Button (Networking page) is now enable only if the USB upgrade key is present.
This feature is not officially released. It's just present only in some Beta Test Site.
- Added: **"Restore previous settings" button**
In *Menu 2501 -> Tools added -> "Restore previous settings"*. This functionality allows the technical operator to reload the previous Unity database configuration settings on Unity equipment (Serial Number, equipment, MW facility, user configs, etc).
This feature can be useful for example after SW upgrade when Unity loses all the configuration.
- Improved **Unity CPU performance** changing Training Content Provider management.
This features allows to improve Unity SW performance.
- Added: **TGS/MWKey Antivibration SW Filter**
This filter detects and rejects the false inserts/extractions of the TGS/MWKey caused by equipment vibration.

MAIN BUGS FIXED:

- Fixed: "Reboot Unity during TV digital research"
- Fixed: "Unity reset to default values"
- Fixed: "Unity fatal SW upgrade (Visiowow has stopped)"
- Fixed: "French TV HD channels audio not working"
It's now available new CDA firmware DVB-T/C HD 0.20 YUV.
- Fixed HERS low kit issue: "Bike Renew_wrong distance"
- Fixed: "Mandatory/Requested Login management and start exercise in Offline condition"

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Rev. 2.6.109 (24/04/2013) – MIDDLEBOARD rev. 3.3.60 – BIOS: 7

ATTENTION:

DO NOT CHANGE THE SETTING OF "DHCP On/Off Button" PARAMETER to "STATIC IP" BECAUSE IT CAN CAUSE THE DEVICE BLOCK.

NEW FEATURES:

- Added new functionality: **Favorites and latest exercises** (only on treadmill).
MW Clouds propose to User the latest exercises performed. The User can choose one of them. User can also add latest exercise to favorites list.
User can find *Latest Exercises* and *Favorite Exercises* in *Exercises App* on Unity Home dashboard.
- Added new functionality: **Maximal and Submaximal tests**
Maximal Tests: Technogym Maximal (*Treadmill Artis/Excite*), Custom Maximal (*Treadmill Artis/Excite and Top Excite*).
Submaximal Tests: Single Stage Model (*Treadmill Artis/Excite*), Multi-stage Model (*Treadmill Artis/Excite*), Smart (*Treadmill Artis and Bike, Recline Artis*).
- Added new UNITY Excite equipment: **Jog Excite**.
Speed range: 0.4 ÷ 20 Km/h; Incline Range: 0 ÷ 15%.
- Added new functionality: **Training graph 2.0**
Restyling of exercise's graph design.
- Added new functionality: **Training system bar**
New training system bar allows you to visualize and change the exercise's loads parameter when you are browsing app.
- Added new functionality: **Apple iPhone 5/5s compatibility**
Through Docking: Unity- Apple iPhone 5/5s compatibility is now possible by 9.1 docking SW version*. To use it, you need to have an Apple iPhone 5 /5s adapter converter.
*: 9.1 SW version has installed on new docking hardware (production 2014).
Through Bluetooth: Bluetooth connection allows User to navigate his iPhone's audio contents by Unity interface. Open Music app on Unity Home dashboard and follow the instructions.
Music app is only show on Equipment with Bluetooth technology.
- Improved functionality: **New input keyboard**
- Added new functionality: **Outdoor tile shown by Store**
Outdoor exercise tiles are shown by default in Unity Homepage. From Store and Facility Club URL it is possible manage its visualization.
- Added new functionality: **Touchscreen calibration at Unity power-on**

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During Unity power-on, after TG logo with dots, another screen with TG logo appears. When this screen becomes darker, it is possible to entry in the Touchscreen Calibration page by tapping on touchscreen. Unity reboot and display Touchscreen Calibration page.

- Added new functionality: **EAMurl HTTPS default set**
EAMurl switch (Menu 2501-EAM Page) set on HTTPS by default.
- Added new functionality: **NFC/Mifare Switch**
This switch set the tag's read modality (NFC or Mifare) of the NFC/Mifare reader.
NFC/Mifare switch (Menu 2501-Device Page) is set on NFC by default.
- Added new functionality: **Backlight power-off**
Unity Backlight power-off and Backlight turn-off time are settable on Menu 2501/Appearance.
Backlight turn-off time start when Screensaver appear.
Backlight power-off can also be controlled by MyWellness Club management software.
- Added new functionality: **New hardware's tests on Troubleshooting page (Service Menu)**
Added Inverter's Test (only on treadmill) and Microphone's test (only on Artis equipment).
Hardware tests allows you to verify the devices work properly.
- Added new functionality: **Timezone geolocalization app**
Use MyWellness provided timezone (Facility URL), to automatically set Timezone. Use network provided, to automatically set date/time. Club's Facility URL and network connection are mandatory.
- Added new functionality: **"Moves" shown on Quick Start training dashboard**
During Quick Start training, user can see current "Moves" on training dashboard.
- Improved **Serial communication management** between High kit and Low kit
- Improved functionality: **Service and User Menu changes**

RENEW MENU PASSWORD	SETTINGS
2 1 1 2 (Only on RENEW equipment)	HERS CONFIGURATIONS

USER MENU PASSWORD	SETTINGS
2 4 0 6	USER SETTINGS
	TRAINING SETTINGS
	APPEARANCE
	TIME/DATE
	NETWORKING
	TVSETTINGS
	TOUCHSCREEN CALIBRATION

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SERVICE MENU PASSWORD	SETTINGS
2 5 0 1	DEVICE
	VERSIONS
	LOWKIT
	EAM
	MYWELLNESS
	COMMUNICATOR
	TROUBLESHOOTING
	VIRTUALIZATIONS
	TOOLS
	USER SETTINGS
	TRAINING SETTINGS
	APPEARANCE
	TIME/DATE
	NETWORKING
	TVSETTINGS
TOUCHSCREEN CALIBRATION	

MAIN BUGS FIXED:

- Fixed issue: "WEP wireless network didn't work. Unity didn't connect to Access Point"
- Fixed issue: "Run Artis – Hi Low Blocks exercise wrong speed"
- Fixed issue: "Unity's dashboards continues to refresh"
- Fixed issue: "Unity's black screen from YouTube video "
- Fixed issue: "Improved cardio HR detect management by Hand sensor"
- Fixed issue: "Unity upgrade stops on *TG Logo with dots* screen"
- Fixed issue: "EAM Polling stops (Grey Network bullet) on the *Club H24*"
- Fixed issue: "NFC MWCloud login doesn't set the correct User language. It always set Italian"
- Fixed issue: "Treadmill's joystick malfunctioning"
- Fixed issue: "Save Green exercise data with anonymous User (user not logged in MWCloud)"
- Fixed issue: "Unity secure connection"
- Fixed issue: "Homepage tile management"
- Fixed issue: "Unity Self reset without TV Tuner CDA".
- Fixed issue: "Wrong UART setting causing unexpected COM fault in passive equipment models"
- Fixed issue: "UNITY freeze when Communicator send popup".
- Fixed issue: "AM/PM time visualization".

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Rev. 2.5.56 (19/12/2013) – MIDDLEBOARD rev. 3.3.28 – BIOS: 7

ATTENTION:

1. **DO NOT INSTALL THIS VERSION ON RENEW MACHINES.**
2. **EVERY TIME THIS VERSION IS INSTALLED**, due to a known bug which will be fixed in the next version, the "Outdoors" tile disappear from the *Home page*. To restore it, connect the USB stick with "Outdoor" contents for at least 10sec. then disconnect it and restart the machine.

IMPORTANT

1. **IF after this version is installed, the "unknown app" message appears on some tiles: enter the menu where the "facility_url" can be set, clear and write it again then save and exit.**
2. **IF after this version is installed, some Apps are not more visible in the Home page: restart the machine (OFF/ON).**
3. **IF after this version is installed, the machine is blocked with TG logo on the screen after the machine REBOOT (ex. If you run the TS calibration), restart the machine (OFF/ON).**

NEW FEATURES:

- Improved **Technogym App Store**.
Now Technogym App Store can also manage the NativeApps (Angry Birds, Sudoku, etc).
Technogym App Store allows Clubs (Facility) to purchase and install WebApp and NativeApp on their equipment (Custom installation).
The Apps downloaded can be installed on groups of equipment (example: all treadmill) or groups of users (example: logged users).
Technogym App Store is on MyWellness Club management software.
- Added new functionality: **Screensaver**.
Screensaver is OFF by default, but is possible to enable it in Menu 2501/User Settings.
You can also set its timeout (Screensaver goes running).
Screensaver can be personalized and also controlled by MyWellness Club management software.
- Added new functionality: **MW Login after screensaver**.
MW Login can be set in 3 different modes: Not Required, Mandatory, Requested but optional.
MW Login's settings is in Menu 2501/MyWellness page and on MyWellness Club management software.
This feature requires that the Screensaver is enabled.
- Added new languages: **Portuguese, Danish, Turkish**.
- Added new functionality: **NFC login access by Samsung S4 device**
Now is possible to login in MW Cloud NFC using Samsung S4 devices (U-TV and U-GO like).

UNITY

SW UPDATES HISTORY LOG

Is no longer possible read TGS or MWK by NFC reader.

- Added parameter on Treadmill's training feedback results: **Average Pace**
Added on Goals training, Quick Start training, Speed Shift.

MAIN BUGS FIXED:

- Fixed a problem about **Joysticks management** on treadmills.
- Fixed the problem "**TV has stopped**" during TV functioning.

Rev. 2.4.24 (22/11/2013) – MIDDLEBOARD rev. 3.2.245 – BIOS: 7

NEW FEATURES:

- Added **patch for FSCK**. FSCK (File system check) is a command that checks the consistency of the data in a file system.
Every time Unity switches ON, the FSCK, checks the data/system/cache. This check is carried out before the boot animation (Technogym logo on the display).

ATTENTION:

PLEASE CAREFULLY READ AND FOLLOW THE INSTRUCTIONS TO INSTALL THIS SW. YOU CAN FIND THEM IN THE SERVICE MANUAL "USER INTERFACE DEVICES".

Rev. 2.2.20 (07/11/2013) – MIDDLEBOARD rev. 3.2.245 – BIOS: 7

NEW FEATURES:

- Replaced FUSE with new Multiuser functionality: **MUSE**.
MUSE is more reliable than FUSE. It also prevents the most of boot issues and apps failure during the loading phase.
This functionality allows User to:
 - Automatically login/logout to Apps (Skype, Flipboard, ...);
 - Save/Load personal games high scores (Angry birds, Sudoku, ...).
- Added the entertainment app "**Club Area**" and relevant services.
Club Area is an entertainment app and it's powered by Communicator Service.
In the Club Area, user can read the messages published by the Club manager:
 - Course program;
 - Bulletins;
 - Promotions;
 - Surveys.
- Modified the **SW Upgrade management**.
Improved SW upgrade page design and changed Unity SW Upgrade procedure.
Added a software recovery patch, which checks and fix corrupted files, on file system.
Unity SW Upgrade is possible both from Asset or using a USB upgrade stick.
- Improved: **Launcher** and **dashboard**.

UNITY

SW UPDATES HISTORY LOG

Added and improved new smart app launcher and dashboard management. Improved Home page performances.

- Added a new program training: **Fitness Test**.
Exercise for the Fitness level assessment.
- Added new languages: **RUSSIAN**.
Now Russian language is available on Unity platform.
- New design and function in **Service** and **User Menu**.
Improved Service/User menu design. Now USER MENU settings and RENEW settings are also accessible from SERVICE MENU.
New setting pages added:
 - **Communicator**: It contain all Communicator service settings.
 - **Virtualizations**: It contain all "Stub" functionalities.

MAIN BUGS FIXED:

- Fixed "**Unity freezing by intermittent Network connectivity condition**" issue.
In case of intermittent network connectivity, Unity applications froze and exercise training program does not start.
- Fixed "**Unity freeze when selecting internet navigation accept page**" issue.
Some internet WIFI network shows an "accept page" on web browser. This event caused the Network manager failure and accordingly the Unity freeze condition .
- Fixed "**Treadmill's Joysticks stop working**" issue.
If Joystick's repeatedly pressed could cause their stop working and sometimes middleboard reset. No one action on speed/incline variations were possible.
- Fixed "**iPod bugs**" issue.
Now multimedia info are correctly shown. "Pause" button is enabled and multimedia files scroll, works.
- Fixed "**Black screen after Emergency device is activated**" issue.
If starting exercise with Quick Start and immediately activate the Emergency device, the reset procedure caused "black screen". Training program does not start and tiles are not shown.
- **EXCITE LINE**: Fixed "**After Emergency device is activated training program does not start**" issue.
After about 60 minutes in Emergency condition, the relevant popup disappear but the equipment was still in Emergency condition. This caused the impossibility to reset the machine.
Now, Emergency popup is displayed until the user touch it and reset the machine.
- **EXCITE LINE**: Fixed "**Dashboard failure and Training program does not start after app crash**" issue.

UNITY

SW UPDATES HISTORY LOG

Sometimes, after an app crashes, the Unity home page dashboard does not refreshes and it's not possible to start training program.

- **EXCITE LINE:** Fixed "American's main voltage settings and speed range on Excite Treadmill" issue. If Serial Number's 5th digit is 1, Unity automatically set American voltage and speed Max speed to 22Km/h.

Rev. 1.7.20 (27/09/2013) – MIDDLEBOARD rev. 3.2.237 – BIOS: 7

MAIN BUGS FIXED:

- UNITY on RUN EXCITE: issue on **Emergency Button management**. It could happen that the emergency does not work properly if the emergency button is lightly pressed.
- UNITY on RUN ARTIS/EXCITE: issue on the **elevation management**. During the SW upgrade the elevation motor was wrongly driven to move the machine upward till to generate mechanical problem.

ATTENTION:

NOTE_1: The main SW version does not change, it's still 1.7.20. It's changed the middleboard FW to rev. 3.2.237. The recovery USB stick still have to be updated using the PC SYNCH.

NOTE_2: On all the RUN ARTIS/EXCITE equipment with SW 1.7.20 and middleboard 3.2.234 you have first to update the middleboard to rev. 3.2.237 using "Middleboard Upgrade" function, from USB stick and then the main UNITY display SW, "Version upgrade". It's not sufficient to update the only middleboard or just run the "Full System Upgrade".

On all the RUN ARTIS/EXCITE equipment with SW 1.6.24 you can update the SW following the standard procedure, using the "Full System Upgrade" function.

On all the ARTIS/EXCITE PASSIVE equipment with SW 1.7.20 and middleboard FW rev 3.2.234 it's not needed any upgrade procedure.

NOTE_3: DO NOT "Upload or Save" the UNITY configuration settings from a machine with SW ver. 1.6.24 to another one with SW ver. 1.7.20 or vice-versa.

Rev. 1.7.20 (18/09/2013) – MIDDLEBOARD rev. 3.2.234 – BIOS: 7

NEW FEATURES:

- New Excite equipment managed by UNITY: **Top Excite** and **Step Excite**
- Added new language: **Japanese**

MAIN BUGS FIXED:

- Issue on "English language". Fixed wrong translations.
- Issue on "Japanese language". Fixed wrong translations. Added Japanese keyboard input data.
- Issue on "Effort freezing and middleboard reset after quickly press the fast track".
- Issue on "European and American's main voltage settings and relativity speed range on Excite Treadmill".

UNITY

SW UPDATES HISTORY LOG

If the 5th digit of the Serial Number is 1, Unity automatically set American voltage.

- American main voltage (110V) setting: 110V - Treadmill min/max run speed is 0.8 – 22 Km/h
- European main voltage (220V) setting: 220V - Treadmill min/max run speed is 0.8 – 25 Km/h
- Issue on "**Standard Settings function**"
Now "Standard setting" function write to low kit the correct default values of Up/Down table.
- Issue on "**Standby max incline gradient**".
Aligned home standby max incline gradient from 18% to 15%, like the training program.
- Issue on "**Passive equipments display Brightness**"
After 1 minute of no-activity, Unity display brightness decreased.
- Issue on **RENEW models Low Kit Firmware** Upgrade function. Improved the function management.
- Issue on **Middleboard Bootloader management**.
- Issue on **Training Online App**.
Improved MyWellness Cloud management and Training App schedules.

Rev. 1.6.24 (31/07/2013)

NEW FEATURES:

- **Training graph.**
This feature allows User to see the training data. Training parameters, loaded profiles and target goal are displayed, during the following training: Quick start, Goal, CPR, Customs, Profiles, Trends exercises.
- **Share on Facebook.**
This feature allows User to share training results on personal Facebook profile.
- **Upgrade middleboard bootloader.**
This feature allows to upgrade the middleboard BIOS bootloader from "Service menu" (2501).
- **Middleboard silicon version.**
This modification allows Technical Operator to see the Middleboard silicon ID version.
- Added "**ON TREND**" exercises (ARTIS Line only):
 - Hills
 - Hi Low Blocks
 - Cross Training
 - Burn Out (Bike and Recline only).
- Improved **CPR exercise**:
 - Exercise level and heart rate data can be set.
 - CPR graph shows heart rate and relative intensity level. For each level, the graph shows relevant sugars/fats amount burned.
- Improved **Speed Shift exercise** (Run only)
 - Added 4th optional speed;
 - Pace can be set for the exercise;
- Improved **Green Deal exercise**:
Now, Green exercises (available on Renew models) can be saved on TGS/MWK and on Cloud.
- Improved **PAUSE/STOP button** graphic during workout.
- Upgraded **entertainment Apps**: Acrobat, Angry Birds, Andoku, Pinterest, Vevo, Flipboard, MxPlayer, Tuning Radio.
- "**Up/Down**" table page in Service Menu (2501) (**Treadmill only**).
- **Info in TV App**:
 - Subtitles;
 - Languages;
 - TV video format (4:3, 16:9).
- **Asset management**:
Added event: "Terminate exercise event" ("Ev_ExerciseObs_Tag").

UNITY

SW UPDATES HISTORY LOG

- Improved **MWCloud Communicator**:
Video streaming available in messages and surveys.

MAIN BUGS FIXED:

- Issue of "**Skype, Radio tuning, Angry Birds, MxPlayer apps**" crash.
During Unity power ON these apps crashes due to incorrectly FUSE and Lib files management.
- Issue on **Heart Rate detection management**.
 - Improved Heart Rate detection system and accuracy
 - Added "Warning: Heart Rate is elevated" alert message when the Heart Rate value detected is greater than 85% User's Heart Rate Max. ($HR_{max} = 206.9 - [0.67 \times age]$). The age value is read from TGS/MWKey or User Cloud profiles).
- Issue on "**Android O.S. settings access restrictions**".
Access denied to Android O.S. settings.
- Issue on "**Upgrade Lowkit from usb failure**"
- Issue on "**Unity reboot by Apple device**"
After Unity upgrade, the first Apple device inserted cause Unity reboot. Now, Unity shows message "*Initialization Apple Device*". Apple device must be removed and inserted again.
- Issue on "**First favourite TV Channel is not displayed**".
Now TV Channel list is correctly displayed.
- Issue on "**USB + iPod - Audio overlap**".
- Issue on "**TGS/MWKey full memory**".
When TGS/MWKey memory is full the device does not works anymore. Now the data will not be saved when the memory is full.
- Issue on "**Increase calories without User activity**".
On passive equipment, the calories increased also if the speed value is null.
- Issue on "**Cannot rename digital TV channel and cable TV channel in the TV Configurations menu**".
- Issue on "**Custom exercises are not localized in French languages**".
- Issue on "**Failure to restore default language**".
- Issue on "**Emergency device**" (Treadmill only).
Random errors occurred on Emergency reset.
- Issue on "**NFC login and TGS reader failure**".
Improved Unity NFC timing communication.

Rev. 1.5.14 (19/06/2013)

NEW FEATURES:

- **Technogym App Store** (WebApp only).
This feature allows Clubs (Facility) to purchase and install WebApp on their equipment (Custom installation).
The WebApp downloaded can be installed on groups of equipment (example: all treadmill) or groups of users (example: logged users).
Technogym App Store is on MyWellness management software
- **MWCloud Communicator**.
This feature allows Clubs (Facility) to send and view messages (text or video) on their equipment.
Available type of messages:
 - Instant message;
 - Generic message;
 - Survey/Questionnaire.
- **FUSE** (Virtual File System).
This feature allows User to:
 - Automatic login/logout on Apps (Skype, Flipboard, ...)
 - Save/Load personal games high scores (Angry birds, Sudoku, ...)

UNITY

SW UPDATES HISTORY LOG

- **Peer-to-Peer (P2P)** protocol management.
- New **NFC management**.
NFC (Near Field Communication) allows to login in MWCloud using proximity device (TGS, MWKey, Smartphone).
- New **TV Configurations Menu**.
- **RENEW models**: updated Lowkit Firmware management.
- Removed "**ON TREND**" exercises.

MAIN BUGS FIXED:

- **O.S. upgrade**.
- Issues of "**Freezing condition during Upgrade's reboot**".
- Issues of "**Boot failure**" when Technogym logo is displayed caused by excessive number of Log files recorded.
- Issues on "**Emergency device**" and the Treadmill exercise fail to start.
After the Emergency/Safety Stop is pressed, the training program does not start".
- Issue on **treadmill STOP button**.
After the Stop button is pressed during the workout, home page dashboard graphic is wrong.
- Issue on **Dashboard**.
After a Full System Upgrade the dashboard is not correctly displayed.
- Issue on **Offline Training Apps**: TGS/MWkey.
- Issue of **Automatic logout from apps** (Skype, Flipboard, etc) when FUSE is disabled.
If FUSE is disabled, automatic logout occurs after 30 seconds of no-activity.
- Issue on **Training Online App**.
Improved MyWellness Cloud management and Training App schedules.