### January 2018 IAAF certified

We are glad to announce that both our FalseStart III club and FalseStart III pro are certified by the IAAF.

### November 2017 FSB international sports fair — Cologne Germany

The two-yearly FSB fair took place in Cologne from the 7th until the 10th of November, 2017. TimeTronics had a successful week with a lot of new contacts and it was a pleasure to see so many familiar faces again.

### September 2017 UK School Games Loughborough

The UK School Games were held for the second time in a row at the Loughborough University.

### Augustus 2017 SEA Games Nilai Malaysia Track Cycling

Malaysia was appointed the host country of the 2017 South East Asian Games. TimeTronics has delivered the equipment and timing services for the complete track cycling part of the event.

### July 2017

The timing team has been active at multiple international athletics competitions at the same time in July, throughout the world. Some major examples of these events were the Deaflympics in Samsun (Turkey), the Maccabiah Games in Jeruzalem (Israel), the British Trials in Birmingham (United Kingdom), Nacht van de Atletiek in Heusden-Zolder (Belgium) and Meeting Internationale de la Province de Liege in Liege (Belgium).

### June 2017 FBK Games (IWC Hengelo)

Our newest generation of Video Identification system VideoID II has been used for the first time at a major international competition.

### May 2017 Baku Azerbeijdjan

TimeTronics and partner MicroPlus handled together the data processing and the timing of the 4th Islamic Solidarity Games in Baku.

### October 2016 Road Shows Belgium

The past year a lot of new products have been introduced. In October we have organized multiple “road shows” throughout Belgium were we have demonstrated our new products.

### July-August-September 2016

As every other year, multiple major international athletic events were timed by the TimeTronics timing team during summer.
May 2016 FBK - Large Full Colour Field Display Boards

First time usage of our large infield (240cm width and 90cm height) full colour LED display (10mm pixel). Not only field event information can be displayed but also logos and messages for the spectators around the stadium as we had a triple sided one.

April 2016 Wireless Start for MacFinish 2D 100 (*) and MacFinish 2D 400/410

The official start signal of a race can be transmitted in two ways to the photofinish timing operator: wired or wireless. The Wireless Starter is placed at the starter stand, the wireless receiver in the photofinish room. This way the starter no longer needs to make use of cable reels, which gives him more flexibility and mobility around the track.

(*) Wireless Start is available for certain MacFinish 2D 100 models and all MacFinish 2D400/410 cameras.

March 2016 European Throwing Cup Arad 12-13 March

The European Cup Winter Throwing has been awarded to the Romanian city of Arad in 2016, the competition is held over two days on 12-13 March. The majority of the work has been done by technical staff of the local athletics club and people from the national athletics federation. Missing equipment has been rented and we have send also a technical person to support local staff members during the event.

March 2016 MacFinish 2D 410

MacFinish 2D 410 Elite photo finish configurations are build on our solid MacFinish 7.x platform but has more vertical pixels as the MacFinish 2D 400. Which is very useful f.e. for rowing and canoe kayak. Our MacFinish 2D 410 photo finish camera has an Ethernet connection between the photo finish camera and computer which allows you to place the computer at a larger distance of the photo finish cameras. Higher recording speed and higher light sensitiveness assures you the best possible results for MacFinish Photofinish recordings even in difficult photofinish conditions.

February 2016 FalseStart III Club Wireless (optional Wired)

In our continuous mission for simplified affordable but IAAF compliant equipment we have launched a FalseStart III Club. Easy mounting and usage are the keywords as the SpeakerBox and the FalseStart III Central Unit are mounted on your starter stand. The central unit is standard mounted with easy clamp system. Optional with super clamp and elbow system for further position adjustment. The system is standard delivered as a wireless solution, so no wires between the FalseStart III Club unit and the starting modules fixed on the starting blocks. Optional a wired solution can be added to the configuration.

January 2016 MacFinish 2D 400

The MacFinish 2D 400 Pro photo finish configurations are build on our solid MacFinish 7.x platform. Our MacFinish 2D 400/410 photo finish camera has an Ethernet connection between the photo finish camera and computer which allows you to place the computer at a larger distance of the photo finish cameras. Higher recording speed and higher light sensitiveness assures you the best possible results for MacFinish Photofinish recordings even in difficult photofinish conditions.

December 2015 Electronic Start Device Club/Pro with SpeakerBox

Electronic Start Device Club and Pro is an electronic audio-visual start signal generator that can be used for all types of races. It generates a start signal by sound and flashlight. Main advantages are no bullets, no weapon license needed so less administration and cost and last but not least easy connection with all MacFinish photofinish systems.

To hear the actual starting sound, you need to connect the electronic start device to a speaker system. For this reason we have developed a SpeakerBox which you can mount underneath or inside a starter stand. This way you only need to transport this one stand, instead of multiple items. LED ready light to communicate with photofinish operator. All athletes can hear the starting shot without delay with optional set of 2 speakers.
<table>
<thead>
<tr>
<th>Event</th>
<th>Location</th>
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<tr>
<td>ECCC Track and Field Juniors Group A 2015</td>
<td>Istanbul (TUR)</td>
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<tr>
<td>All African Games 2015</td>
<td>Congo Brazzaville</td>
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<td>Amsterdam Flame Games 2012 - 2014 - 2015</td>
<td>Amsterdam (NED)</td>
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<td>KBC-Nacht - Heusden-Zolder - Belgium; 1996 &gt; 2015</td>
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<td>Meeting International d’Athlétisme de la Province de Liège 2002 &gt;2015</td>
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<td>AA Drink FBK Games 2015 (IAAF World Challenge)</td>
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<td>Region 5 Under 20 Youth Games 2014- Bulawayo (ZWE)</td>
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<td>Invictus Games 2014—London (GBR)</td>
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<td>- Manchester 2014 (GBR)</td>
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<td><strong>Launch of TTC477 Double sided LED Field Scoreboard - October 2013</strong></td>
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<td>Not 1 but 2 sides on the new Field Scoreboard which allows you to show the Field event information on both sides of the rotating field scoreboard.</td>
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| **Launch of AthleticsManager 2014, October 2013** |
| Our latest version of our result program for Athletics will be launched shortly please keep an eye on our website to discover the latest news. |

| **European Championships 2013 Track Cycling, Apeldoorn (NED) - October 2013** |
| The European Championships Track Cycling 2013 will take place in the multifunctional sport center Omnisport of Apeldoorn, Netherlands. TimeTronics has delivered in the past a complete solution for time keeping for track cycling and also a complete time keeping and result solution for Athletics. The local organizing committee for the Track Cycling Championships will take care about the timing keeping themselves as they find the software and the equipment easy to use. |

| **Jeux de la Francophonie 2013, Nice (FRA) - September 2013** |
| TimeTronics has covered together with our Italian partner Microplus the Jeux de la Francophonie 2013, Nice (France). We have taken care about all timing and resulting for 9 different sports, media center, online live results, remote printing distribution system. |

| **European Youth Olympic Festival 2013, Utrecht (NED), July 2013** |
| Once again the local organization of the European Youth Olympics Festival has chosen for TimeTronics to cover all timing and resulting services for the Athletics event. Previous edition was held in Trabzon (TUR) 2011. Complete solution for all track and field events has been on place together with our timing team. |

| **Launch of TTC410 LED CountDown/WindSpeed Scoreboard - January 2013** |
| Our TTC410 is a multifunctional scoreboard which can be used both as CountDown or as WindSpeed scoreboard. |

| **Launch of Character based language functionality for LED Scoreboards TTC 453 and TTC455 - November 2012** |
| From now on you can display character based languages as Chinese, Hebrew, Japanese, Arabic, etc. just let us know which language you want! |

| **Launch of FalseStart III Pro - November 2012** |
| After FalseStart II we have developed our FalseStart III which makes usage of the latest technologies. And yes for those who have been waiting it has the wireless option! No cables between the FalseStart control and the starting modules, configurable for the lanes you need. Enhanced sound on the starting modules, touch screen to operate the system with a fingertip! |

| **Launch of MacFinish 2D 300 - March 2012** |
| Latest version of our photo finish family with through the lens video alignment assistance, internal camera memory, Ethernet connection, 2 versions up to 2.500 lines per second or up to 4.500 lines per second. Contact us for more detailed information! |

| **Golden high Jump Antwerp (BEL) - January 2012** |
| Golden medal winner Olympic Games 2008 Tia Hellebaut |
Launch TTC408 LED Timing Scoreboard - January 2012
Led Timing display which replaces the 6x15 Electromagnetical Scoreboard. This multifunctional scoreboard can show you: race time, day time, countdown, WindSpeed. Complete integration with the MacFinish photo finish system.

Launch TTC453 LED Timing Scoreboard - January 2012
Led Timing display which replaces the 6x25 Electromagnetical Scoreboard. This multifunctional scoreboard can show you: race time, day time, countdown, WindSpeed. Complete integration with the MacFinish photo finish system, in combination with the LedSBManager you can show additional race information like, race name, intermediate times, MacFinish photo finish results, etc.

In combination with MeetManager and FieldTerminals you can show also results of field events.

Launch TTC495 LED Field Scoreboard Triangular on wheel frame - October 2011
Easy to mount wheel frame to place 3 TTC455 as mentioned here below ion a triangular wheel frame. With this setup you can place and move the scoreboard to the place you need during the competition.

Commonwealth Youth Games Isle of Men - September 2011
A complete set up timing and scoring for Athletics have survived the severe weather conditions of the Isle of Men. Our timing team was responsible for all athletics track and field competition.

European Youth Olympic Festival, Trabzon (TUR) - July 2011
Due to our long history on major competitions our partner Italian Microplus won the contract for timing and scoring for all sports. TimeTronics has been responsible for the timing and scoreboards during the Athletics event.

Launch TTC455 LED Timing Scoreboard - July 2011
Led Timing display which replaces the 6x25 Electromagnetical Scoreboard. This multifunctional scoreboard can show you: race time, day time, countdown, WindSpeed. Complete integration with the MacFinish photo finish system, in combination with the LedSBManager you can show additional race information like, race name, intermediate times, MacFinish photo finish results, etc.

In combination with MeetManager and FieldTerminals you can show also results of field events.

You can place them standalone, side by side, V-shape, triangular with 3 or 6 like shown on the picture.

December 2010, Atletiekunie - TimeTronics
TimeTronics extends contract with the Dutch Athletic Federation "Atletiekunie". This contract is the continuation of the successful partnership between 2007 - 2010. With this contract TimeTronics is the timing supplying company for Atletiekunie for 2011 till 2014. We’re provide all timing & data services for all important National Championships and also all other major meetings in the Netherlands.

September 2010, MacFinish 2D 200
TimeTronics is launching their latest photo finish camera system, the MacFinish 2D 200. This camera is replacing the very succesful MacFinish II Ethernet system wich has been used world wide, from club level meetings up to world championships!

The MacFinish 2D stands for professional photofinish with the latest technology. A video-preview allows you to align the camera in a minimum of time and the internal memory of the camera will record the image of your finish even when your computer system would fail...
August 2010, 17th African Athletics Championships—Nairobi, Kenya

TimeTronics has successfully served the 17th African Senior Athletics Championship in Nairobi, Kenya. Beside the timing & scoring equipment of TimeTronics we delivered and installed also the 40m2 full color video wall.

David Okeyo; CEO LOC
"...It was nice to work with you and I am looking forward to work with you again in the near future...

March 2010, IAAF RDC Moscow

After the RDC of Cairo and Beijing the RDC of Moscow asked a seminar similar to the one at the RDC Cairo & RDC Beijing and together with the IAAF (Monaco) they organized a seminar beginning of November. In Moscow Eddy Vanuytven has given the similar presentations as during the seminar at the IAAF RDC Cairo & Beijing.

November 2009, IAAF Electronic Time Keeping and Starter Seminar: RDC Beijing

Also IAAF RDC Beijing was interested in a seminar similar to the one at the RDC Cairo and together with the IAAF (Monaco) they organized a seminar beginning of November. In Beijing Eddy Vanuytven has given the same presentations as during the seminar at the IAAF RDC Cairo.

In Beijing following countries where present:
VIE, LAO, KOR, MGL, DPR, CHN, TPE, HKG, JPN, MAC

October 2009, Launch MacFinish 2D USB 100 Club

TimeTronics has stopped the production of MacFinish II USB. The MacFinish 2D 100 Club version will replace the low-cost photofinish configurations.

October 2009, IAAF Electronic Time Keeping and Starter Seminar: RDC Cairo

In April 2009 IAAF RDC Cairo has taken the initiative to organize a seminar about Electronic Time Keeping and Starter Seminar for all Arabic Countries.

In their search for a suitable lecturer they taken contact with TimeTronics. Mr. Eddy Vanuytven has given the seminar in Cairo mid of October 2009 and has given presentations about:
- Electronic Timing, MacFinish
- False Start
- Athletics Manager

In Cairo the following countries where present:
IRQ, LBA, EGY, UAE, YEM, OMA, KSA, SYR, TUN, ALG, JOR, SUD, LIB, BRN, QAT

February 2009, Worldwide launch of MacFinish 2D 100 Advanced:

TimeTronics proudly presents the MacFinish 2D USB camera, THE worldwide innovation in photofinish timing for 2009! The MacFinish 2D USB uses all the knowledge from our MacFinish II generation in combination with the latest technology in sensor development. The 2 dimensional (2D) sensor known in the digital photo and digital video market is now used to build a state of the art photofinish system
April 2008, MacFinish 2D USB

The MacFinish II USB is the latest version of our famous MFII series. It’s a low Cost system with the MacFinish Interface close to the PC and fully battery powered. This version is limited to 1 camera and has standard 1MB on-board video memory, but is delivered with the "MacFinish virtual memory option" for longer image recordings. Optional upgrade to 2 MB or 4 MB on board video memory, to record races at speeds >1000l/s in the internal memory. The digital MacFinish box is connected to the PC with a USB-cable. The length of an USB cable is normally one meter and can be extended to maximum 15 meter. This is a limitation, but the camera cable can be up to 100m.

Advantages of this version:
- Low Cost system if the MacFinish-Interface box is close to the PC. The MacFinish II USB is therefore the ideal choice for any athletics club, small timing organization or as low-cost backup system for the MacFinish II Ethernet camera.
- With the optional 2 or 4 MB memory upgrade you’re able to capture a full long distance race even when your operating system of your PC is crashing! After the restart of your computer you can easily readout the MacFinish camera memory.
- No serial ports are needed anymore for your PC, data to the Timing scoreboard goes over the USB cable! Link to Athletics Manager can be done over Ethernet.

April 2008, Microphone & audio transmitter, low-cost or professional portable receiver

Even if you are not buying and using our professional FalseStart system with integrated sound amplification (see page 22), you could be interested in acquiring only a sound amplification system to make sure that all athletes can hear the starter correctly. Not only to listen to his voice (the start commands), but even more important, to hear the starting shot without delay.

Such a delay is caused by the fact that the speed of sound is relatively low (330 m/sec), so you want to make sure that all athletes in a sprint race have a FAIR start = hear the start shot immediately, without delay. For this purpose you can buy a starters microphone + wireless audio transmitter. This microphone can be a "tie clip type", that can be easily clipped onto a shirt or tie, or the starter can use a headset type.

The voice a the speaker transferred from the microphone and audio transmitter can be play backed WITHOUT DELAY through a low cost or professional portable receiver.

April 2008, VideoIdentification

Have you ever noticed problems with the registration of the finish order for a 800m or 1500m race, where 8 or more persons almost simultaneously finished? In the past we used videotapes or DVD recorder & player + TV’s. As the first photofinish manufacturer in the world, we made the full integration of a DIGITAL video recording system in a photofinish system! Of course we started with our professional MacFinish 7.x software, and made it even better.

Our system is already used during several national championship and international events.

April 2009, MacFinish 7.7 is released with new features:
- Transponder / Chip import and export functionalities
- Auto Jpeg = close your photofinish and a picture in jpeg format is automatically created
- Communication over Ethernet with Athletics Manager
- Import data of Athletics Manager before race

July 2007, New Cable Reels

TimeTronics has introduced new cable reels for the 5- and 12-pole cables. The new reels are more user-friendly with multiple handling knobs and a better blocking system.

June 2007, Mobile LED Scoreboard Trailer

During the National Dutch Championship for teams TimeTronics has introduced a mobile LED scoreboard that displays the results from track and field events in 3 colors. Because the LED boards are mounted on a trailer with an electronical placing system the scoreboard can be fully operational in less than 15 minutes. The Mobile LED Scoreboard is a perfect example how the data collected by TimeTronics MeetManager can be shown live to the athletes and spectators.

February 2007, Double Channel Start Detection

In all professional configurations TimeTronics has included double channel start detections. Because of continues search for improvement TimeTronics has decided to follow this strategy also in their basic systems. This means that we’ll not produce the single channel anymore. But our double channel start detection is fully compatible with the single channels.
January 2007, MeetManager Upgrade, Jump Off

TimeTronics was a service provider during the Golden High Jump Gala on the 27th of January 2007 Brussels - Belgium. As an enhancement for our own MeetManager software we included a "Jump Off" functionality to be sure that we could display the full competition on the Rotating Field Scoreboards.

December 2006, MeetManager Upgrade, Personal Best & Reaction Times

For the indoor athletic season 2006-2007 we shall introduce for all meetings held in the "Topsporthal" Ghent-Belgium personal best performances and reaction times. The data will be shown on the stadium scoreboard as well on the printouts of the MeetManager.

November 2006, Double Photocell Poles

Due to a redesign the user can adapt the height of the double photocell poles for different age categories.

July 2006, MeetManager CIS

We’re launching a new feature on the Commentator Information System. Now we can add photofinish picture to the results! We are sure you will like this new feature.

March 2006, Remote Iris Control for all cameras

Until now, the photo-finish operator was forced to adjust the iris of the lens manually. In some circumstances, when the camera’s position is not close to the photo-finish room or even difficult to reach, it will be a considerable disadvantage. TimeTronics has solved this disadvantage as well for the MacFinish SCSI cameras as the MacFinish II Ethernet camera. The remote iris control system will allow you to open and close the iris from a distance, this can be done by the photofinish operator from the software/remote control box or fully automatic.

February 2006, Triple Sided LapCounter for Track Cycling

At the Velodrome “Vlaams Wielercentrum Eddy Merckx” (Ghent, Belgium), TimeTronics has installed a “Total Solution” for Track Cycling. We have redesigned our previous software version and cabling system. During the World Junior Championships the National Cycling Federation will be the official timers themselves!

Please contact us in case you would like to know more about our company: info@timetronics.be