



## 1. Objectives

Atos, European Athletics' Technical Partner, provides services at all televised events, including ECH, EICH, ETCH Super and 1<sup>st</sup> League, EXCH and all the category events.

In order to have the same consistency at the other events, European Athletics has appointed Atos to manage the results at other competitions, to provide ORIS-formatted results on site, as well as live results on the [european-athletics.org](http://european-athletics.org) website.

The first step was to have Atos providing the results at the European Athletics Team Championships 2<sup>nd</sup> and 3<sup>rd</sup> League in 2019. The same services will be provided in 2021, and it is the intention to extend the scope of events where Atos provides results at the following events: European Throwing Cup, European Race Walking Team Championships and European Off-Road Championships.

## 2. Services provided by Atos

Atos will provide the On-Venue Results (OVR) equipment, to collect the timing and distance data and provide results. The results will be provided locally to the LOC in pdf format (start lists, daily programme, results, final results book, judge score sheets). Atos can print the results directly, as long as a printer is provided to them by the LOC. The live results will also be shown on the European Athletics website, alongside the other leagues of the Team Championships.

Atos will provide the data entry laptops to collect data:

- Collection of timing data: in the timing room, Atos will provide 1 data entry laptop which the LOC has to operate. One member of the timing team will have to type the times (and wind when applicable) of the athletes in the Atos interface.
- Collection of data for field events, Atos will provide one laptop per field event (up to 3 – check with the Technical Delegate that 3 laptops are enough), to be managed by the local officials: the LOC field event teams will be responsible to measure the distance and input the distance + wind when applicable (or input the validity of the result in case of vertical jumps) in the Atos data entry laptop.

All data entry laptops (timing and field events) have to be connected to the Atos OVR through a network provided by the LOC.

One EA technology coordinator and 2 Atos technicians will come on-site 2 days before the event. They will start the installation the day before the event, with the help of the LOC, assuming that the OVR and the cabling connections to the data entry laptops will be ready. Atos will provide final confirmation sheets up to 5 days before the event in electronic format, to European Athletics and the LOC

### 3. Not provided

- Timing services are not provided by Atos, but the timing system can be connected to Atos OVR computers, especially with FinishLynx, since Atos' timing supplier uses this timing equipment.
- Measurement device (tape, EDM or VDM) is not provided by Atos
- Printers are not provided. The results will be produced in pdf. Atos can print directly from their computers, but they cannot bring printers on site, as they are only travelling with carry-on luggage – they only bring computers
- Any other output (CIS, TV graphics, videoscreen graphics...) is not included, but can be ordered and paid for separately as part of the Rate Card

### 4. Requirements from the LOC

The LOC has to provide:

- a fully automatic timing system, including 2 photo finish cameras and the photo finish operator. The times will be entered in Atos system by hand in the data entry computer (or automatically if the timing system can be connected to the results system)
- OVR room (min 20 sqm), with power, internet connection (min. 20Mbps) and air conditioning to install all the Atos laptops. Ideally, the OVR should be located next to the timing room, with a view to the infield.
- Judges and officials to enter the data (times, distance and wind) in the Atos data entry laptops
- Radios for the 2 Atos technicians and the EA technology coordinator, on the competition channel(s)
- Cabling between the data entry laptops and the OVR + reliable internet connection. Support for the telecommunication services and network have to be provided, which can be done with on-call support.

*Nota bene: in case the LOC is not able to provide the network required, the Atos data entry terminals can be installed in the OVR. In such case, there are 2 alternative methods:*

- *The LOC field event team can communicate the results (and wind) by radio to the OVR, following the field event as it happens. This means the results will be shown live*
- *In absence of reliable radio communication, the results (and wind) will be entered in the Atos data entry laptop from the judge score sheet, when the field event is finished. In this case, the results will not be live for any of the field events, but the online results will be updated as soon as the field events' results are official*
- Assistance during the site visit to identify the spaces and the existing network
- flights for the 2 technicians

- transfers, local transportation, accommodation, food during the whole stay for the 2 Atos technicians and the EA technology coordinator

## 5. Scope of services

	ETCH 2nd League	ETCH 3rd League
All ORIS reports in pdf (to be printed by the LOC)	1	1
ODF feed	1	1
XML feed	1	1
On-line Final Confirmation	1	1
TD Digital Validation	1	1
Medal Presenters Tool	1	1