



Episode 4

ERTMS Trackbot at InnoTrans



## #4 ERTMS Trackbot at InnoTrans

At InnoTrans, we are proud to showcase the ERTMS Trackbot (by TRACKBOT), a collaborative project by Strukton Rail, No Man Trackwork, and AMT RailRoad. This innovation was developed under the #ASAP-ERTMS initiative and the #IAM4Rail project, part of Europe's Rail framework #EU\_Rail.

In the line-up of the InnoTrans we publish a series of posts about the back ground of this interesting development. Today the episode #4 about No Man Trackwork.





## ERTMS Trackbot in brief

The ERTMS Trackbot (by TRACKBOT) is a rail vehicle designed for the automated installation of balises and axle counters. It operates by loading a file that provides precise instructions on the placement of each component. See episode #1 for more background.



## No Man Trackwork

As human labor becomes scarce and working conditions need to be safe, robotization emerges as a key solution for the future. Collaborating with great partners can transform our industry and contribute to our shared future. This is precisely what the Trackbot achieved for No Man Trackwork. Starting with small steps on our Trackbot platform, the collaboration for the Trackbot and all its contributors propelled the Trackbot platform forward significantly, accelerating development drastically.

With our experience and the current technical possibilities, we foresee many more innovations that will contribute to a modern, efficient railway system. Not only robotics but also new detection methods and artificial intelligence are creating new possibilities that can replace legacy machines. By adopting a more abstract vision, we can revolutionize renewal and maintenance processes or even reorganize the way the market operates. So, let's come together and create our future!

The development of the Trackbot is supported by the innovation programme Europe's Rail Joint Undertaking #EU-Rail.