



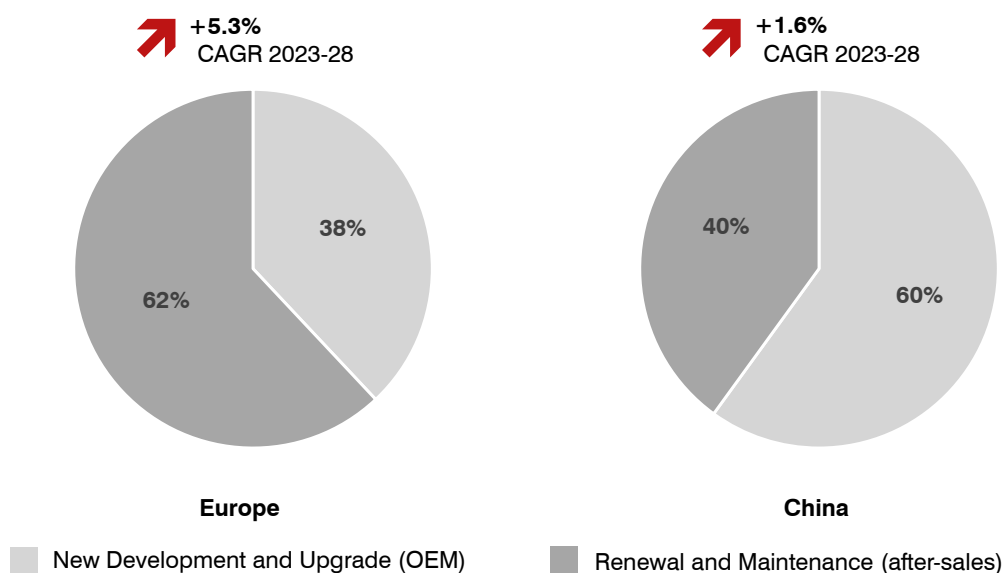
## Building intelligence – Multitalented Control Command and Signalling

Digitisation offers great opportunities for faster capacity expansion

[31.01.2024] **Control command and signalling is essential for safe rail operations and is therefore the backbone of rail transport. According to analyses by expert consulting company SCI Verkehr, the global market volume for control command and signalling currently is EUR 19.3 billion and will grow by an average rate of 4.6% per year from 2023 to 2028 – with a special focus on new development and upgrade. Main driver of this development is digitisation: It enhances the functionality of control command and signalling far beyond aspects of operational safety. Modern technical solutions increase capacity as well as interoperability, provide more comfort and allow for better environmental protection – without the need for lengthy physical infrastructure expansions.**

Thus, infrastructure managers all over the world increasingly invest in modern control command and signalling. But there are noteworthy national and regional differences as SCI Verkehr points out. In China, for example, considerable sums have already been invested in modern systems in recent years as part of large investments in rail infrastructure. From 2023 to 2028 SCI Verkehr therefore expects the Chinese market to grow only at a rather low speed of 1.6% per year on average. Main drivers will be renewal and maintenance while the market for new development and upgrade will even slightly decrease. The picture looks different in Europe and especially in Germany. Largely outdated and very heterogeneous control command and signalling systems will require extensive investment in the future. Accordingly, SCI Verkehr predicts the European market to grow above the worldwide average between 2023 and 2028. The growth rate will be at 5.3% per year on average whereby new development and upgrade projects will be of particular importance. In its new study “Control Command and Signalling – Worldwide Market Trends 2023”, SCI Verkehr GmbH illustrates these and other developments.

### Market volume Control Command and Signalling 2023



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The market study “**Control Command and Signalling – Worldwide Market Trends 2023**” will be available in English from SCI Verkehr GmbH ([www.sci.de/shop/](http://www.sci.de/shop/)) from January 2024. There is also an Excel file available for this study that provides a clear and transparent presentation of all the figures contained therein.

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