BYD attended the 3rd Intelligent Metro International Forum

On July 7, 2020, the third “International Forum of Intelligent Metro Chief Information Officer and Chief Engineer” held in Shanghai, co-sponsored by Shanghai Transportation Research Center and the Intelligent Metro Alliance. At the forum, well-known domestic and international metro operators, rail transit solution providers, and industry association experts gathered to discuss the development modes for an intelligent, efficient, and safe rail transit, explore market potential, and enhance international exchanges and cooperation. Liu Weihua, general manager of BYD Communication Signal Co., Ltd. (BYD), Zheng Hongying, general manager of BYD in East China, and others were invited to attend the forum.

In the era of big data, intelligence, data and platform have become the upgrading trend of the rail transit industry. Major metro companies have taken “Internet + passengers” as their breakthrough point to enhance passengers’ travel experience. The construction of a smart metro has entered the stage of large-scale development and application. There are great development prospects for the rail transit network integration, intelligent operation and maintenance, artificial intelligence, intelligent security, network security and so on.

As a wholly-owned subsidiary of BYD Co., Ltd., BYD Communication Signal Co., Ltd. is committed to providing a comfortable and convenient travel experience for the public as well as safe, intelligent, and efficient transportation products. As the “nerve” and “brain” of rail transit, the communication signal system is an important guarantee for the safe and efficient operation of a rail transit, and is a concentrated expression of high-end technology. On January 19, 2020, the Urban Rail Transit DiCS 900 CBTC signal system independently developed by BYD Communication Signal Co., Ltd., passed the scientific and technological achievements evaluation of China Urban Rail Transit Association. Experts unanimously agreed that the comprehensive technology of the system has reached the international advanced level.

The CBTC signal system of BYD has been assessed as having good applicability to steel-wheeled rails, rubber-wheeled rails and concrete beams, and can be widely promoted and applied. The communication signal system and rail transit integrated solutions of BYD have been accepted worldwide. BYD has successively won several cloud rail projects in Brazil, as well as the recent Yunba projects in Chongqing and other places in China, which are equipped with

Figure 1. BYD Communication Exhibition Center.
independently developed communication signal system.

**Figure 2.** CBTC signal system developed by BYD has passed the scientific and technological achievements evaluation of China Urban Rail Transit Association.

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