

PRESS RELEASE

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Android™ Industrial+: Reliable Operating System, Independent of Google Services and Individually Adaptable

Mobile ACD devices have been available since 2019 with the Android™ Industrial+ operating system. The advantages are plain to see: Modern user guidance familiar to users of Android™ smartphones, together with the quality and reliability of the German manufacturer!

But what really sets Android™ Industrial+ apart? Android™ Industrial+ is a highly reliable operating system optimized by ACD Elektronik GmbH for M2Smart®, M260TE and M266SE mobile terminals and for MFT1x series vehicle terminals. The operating system originates from the manufacturer in Germany. ACD guarantees data security for the customer and no data is transmitted to third parties. Android™ Industrial+ is a reliable Android™ with many years of availability.

The Advantages of Android™ Industrial+ in Detail

Unlike all competitors, who often use products from Asian manufacturers, the ACD Android™ Industrial+ version can be selectively adapted to customer needs at any time, since all sources are in Germany with the developer and manufacturer. The German developer and manufacturer likewise ensure longterm supply capability and thus a high level of investment reliability.

Android™ Industrial+ is a very reliable operating system. Data security is ensured by independence from Google services. There is no data migration. By the way, ACD offers an Extended Security and Update Service covering the entire product lifecycle (at least five years after discontinuation) for security patches and bugs. Also ensured are fast integration and distribution of security patches plus guaranteed security and support for Android™ versions that are no longer supported. Upgrades to higher Android™ versions are also available.

The corresponding hardware is no less impressive: ACD uses industrial grade hardware with longterm availability of up to ten years. Thanks to the use of Android™ Industrial+ and sources available in-house, even hardware components that require far-reaching adaptations in the operating system itself can be integrated.

Android™ Industrial+ stands for fast and easy configuration of Android™ devices. Easy app programming means customers can also use the terminal in different processes.

Comprehensive service and support round out the package: the technical contacts from service and support for ACD are all located in Germany and can therefore offer short response times for customer-specific adaptations or questions. The advantage of communicating directly with the German manufacturer (and if necessary directly with the development team as well) is unique on the market and greatly reduces complications.

Supplementary Software Tools – ACD Android™ Apps

To round out the Android™ Industrial+ software package, ACD offers its own supported Android™ apps to further enhance usability. The most important of these is ACD KioskMode. ACD KioskMode is an alternative to the standard "Android™ Homescreen." ACD KioskMode gives users access only to certain apps selected in advance by the device administrator, thereby preventing unwanted access to other applications or to the Android™ system by the end user. ACD KioskMode is password-protected and flexibly adaptable. The administrator has versatile options for configuration (including the navigation bar, system information, quick settings and notifications, etc.). The combination with the ACD KioskBrowser is especially successful. The result is a restrictive web browser for Android™ devices in restricted device mode. The browser line is deactivated in this configuration so that there is no way for the user to change pages by entering a link or to visit unwanted pages. The end user is only able to access certain websites that are selected by the administrator, and can only navigate using links in whichever of those websites is active. This is especially useful for browser applications.

Other software tools including ACD ScanConfig (easy configuration of the integrated scanner), ACD SystemApp (overview display of system information) or ACD EasyToConfig (fast initial setup of devices and easy transfer of the configuration to other devices) round out the extensive portfolio for the mobile terminals. A highlight for the vehicle terminals is ACD TerminalSettings, a diagnostic and configuration program for battery monitoring and system parameters. The software tools mentioned here are available at no additional cost.

Of course all ACD mobile devices with Android™ Industrial+ stand for the familiar quality and the good service and support of the German manufacturer.

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ACD Group

ACD Elektronik GmbH – as part of the ACD Group – is a dynamic, independent and flexible mid-sized company that is among the leading high-tech providers in the electronics sector. The ACD Group provides hardware and software solutions for mobile devices and applications for retail, logistics and EMS as well as products developed for specific customer requirements and mobile applications.

The current ACD Group consists of ACD Elektronik GmbH, ACD Systemtechnik GmbH, ACD Antriebstechnik GmbH, ACD Czech s.r.o. and ACD USA Inc. It is represented in Germany by two different sites, with one each in the Czech Republic and the USA. The Group has about 430 employees at all its sites and generated annual sales of over 88 million euros in 2018.