

Technology

In developing its solutions, Cleverlance uses its time-tested and advanced technical background, especially in the form of two of today's most important architectures for creating and running multi-layer applications. Our specialists are capable of drawing the utmost potential from this technology and utilising its broadest possibilities in accordance with its development.

J2EE

Together with the Java programming language, J2EE currently presents one of the most elaborate and most widely used platforms for implementing complicated applications with high demands on security and reliability in a heterogeneous environment. On the one hand, it includes a run environment, usable practically regardless of the target platform, which allows the client part of the applications to be implemented on a wide range of computers and mobile devices. On the other hand, its rich component and robust architecture ensures an uncompromising server implementation. J2EE is also technology that enjoys excellent support by numerous key suppliers of IT solutions.

J2ME

Java 2 Micro Edition is a specialised part of J2EE technology that is designed to be operated on the broadest range of mobile devices. Thanks to excellent compatibility, the run environment allows for client interfaces to be placed on various types of equipment – from pocket computers to mobile phones, for the optimising of source demands and for the faultless use of applications on performance-modest hardware. The basic argument in choosing this application platform is clearly the fact that an absolute majority of presently sold mobile telephones and a significant share of other communication devices have J2ME as a standard.

.NET

The .NET platform represents the latest generation of a robust run environment working with Microsoft Windows operation systems. .NET was designed as a universal solution for running client and server parts of applications in the Windows world and represents an extremely perspective platform for the future – not only due to the share of Microsoft operating systems on client computers, but also due to the numerous innovative processes and excellent possibilities for securing and managing application codes.

.NET CF

Microsoft .NET Compact Framework represents a run environment variant, designed specially for mobile devices. It is derived from a robust, full version and ensures compatibility of the environment for operating client parts of applications on various types of transmission equipment. Microsoft .NET CF is currently the overwhelmingly preferred development and run platform for applications on mobile hardware which use the latest Microsoft Windows CE compact operation systems (namely Smartphones). .NET CF is the ideal choice for covering demands of devices that do not work with the aforementioned mobile J2ME platform and whose shared use then allows applications to be prepared for the broadest portfolio of existing mobile devices.