

Company Portrait

Christian Kral,

as a communication engineer at the Institute of Information Technology at the Technical University of Vienna, developed special hard- and software solutions at the beginning of the 90ies; that included the revision of the layout of Festo-PLCs for the purpose of CE-certifications up to adaptor solutions for various industrial applications, an approach to cope with EMC-problems in the industrial environment of welding robots, as well as the hard- and software design of a talking model Ferrari with electronic ABS, remotely controlled in real time, just to mention the most important ones.

Apart from his lecture on the topic of CAE-E (Computer Aided Engineering-Electronics) his special field at university was "Multiple-board-simulation with professional simulation systems on large computers". A donation of one million Austrian Schilling by DEC and Racal-Redac and lectures at various conferences led to international acknowledgement of this development.

With the coming-up of an AS-i (Actuator Sensor interface) Christian Kral was the expert for this low-level fieldbus for a long time. Numerous schoolings were followed by intensive accumulation of experience in the field of different field buses for industry and the sector of buildings in particular and process automation in general.



HTC Kral and ViCoWeb

In 1996 Christian Kral decided to found a company named „High Tech Communications Kral“, in short HTC Kral. In co-operation with three students about to take their diplomas under the supervision of Mr. Kral, the idea of a “craft-independent process visualization“ was to be put into practice. At that time the Internet was just an occupation of freaks. Hardly any modems were used privately then. The idea to make such visualizations – extremely expensive at that time –Web capable and easily programmable had emerged from an according order by AKG. The result was named **ViCoWeb - Visualization and Control via Web**.

Nowadays, ViCoWeb is successfully run in industrial projects, for the energy monitoring of complete towns and communities and on the main computers supervising buildings. By the broad and versatile know-how of HTC Kral the installation generally can be performed more quickly than by enterprises specialized only in part aspects. Should our clients need special solutions, we readily develop them.

This sophisticated software with the fastest Soft-PLC world wide (cycles of 1ms are possible!) is permanently being redesigned. As the development is performed on the spot, customers' wishes can be regarded immediately.

*Get persuaded by the dynamics and flexibility of HTC Kral!
We are looking forward to welcoming you with us!*

Christian Kral

A handwritten signature in blue ink that reads 'Christian Kral'.