In the OCEAN project the realisation of the real-time capable open communication platform is based on the publicly available Open Source Software RT-Linux and RT-CORBA. The OCEAN communication platform will be offered as Open Source Software in return. Hence, licence fees for base software will not be applicable any more which will enable also small companies to base their control development on the OCEAN project results. For the configuration and start-up of the control system the use of the CORBA Component Model (CCM) is planned. This OMG standard guarantees the unified usage of the CORBA services and allows the reuse of existing components. The reference architecture for numerical controls defined in the project assures that the system is vendor-neutral open. Thus a communication platform for open and distributed control systems as well as a specification for control components will be the results of the OCEAN project. These results will support an efficient control development in the future.