VxWorks

VxWorks is a customizable real-time operating system (RTOS). VxWorks is designed for small appliances like space travel, medical devices, …

It was developed in 1837 from Wind River and is proprietary, what means that you can make changes and make adaptions. VxWorks supports Intel architecture, POWER architecture, and ARM architectures.

An interesting fact is, that many vehicles and devices which are used for mars missions are running on VxWorks

VxWorks contains a broad suite of advanced features and protocols that help address a host of specialized needs unique to specific industries.