Embedded Operating Systems History Diagram

- **ITRON** 1984
- **pSOS** 1982
- **VRTX** 1981
- **smx** 1989
- **uC/OS** 1991
- **pSOS+** 1991
- **IBM 4680 OS V1** 1986
- **OS-9/68k 2.4** 1986
- **FlexOS 286 1.3** 1986-11
- **VxWorks** 1987
- **FlexOS 386 1.0** 1987-06
- **ChorusOS** 1988
- **OS-9/68k 2.5** 1988
- **FlexOS 2.0** 1989-07-03
- **OS-9/68k 2.9** 1990
- **OS-9/68k 3.0** 1992
- **embOS** 1992
- **OS-9000** 1992
- **RTEMS** 1993
- **OS-9000/80x86** 1993
- **VxWorks 5.0** 1993
- **OSEK/VDX OS** 1993
- **IBM 4690 OS V1** 1993
- **Nucleus PLUS** 1993-03-27
- **pSOSystem 2.5** 1996-11
- **Windows CE 1.0** 1996-11
- **ThreadX** 1997
- **ChorusOS/Classix** 1997-03-11
- **Windows CE 1.1** 1997
- **Windows CE 2.0** 1997-11
- **ERCOSEK** 1997
- **uC/OS-II** 1998
- **eCos** 1998-09
- **Windows CE 2.1** 1998-06
- **uITRON 4.0** 1999
- **Windows NT Embedded 4.0 (Beta 1)** 1999-02-22
- **ChorusOS 4.0** 1999
- **Windows CE 2.12** 1999
- **RTA-OSEK** 1999
- **Integrity 2000** 1999-09-28
- **pSOSystem 3** 2000-08
- **ChorusOS 4.0.1** 2000
- **Windows CE 3.0** 2000
- **VxWorks AE** 2000
- **OSEKturbo** 2000
- **Integrity 3.0** 2000-09-26
- **ThreadX 4** 2001
- **ChorusOS 5.0** 2001
- **Windows XP Embedded** 2001
- **T-Kernel** 2002
- **Contiki** 2002
- **Windows CE .NET** 2002-01-07
- **Windows CE for Automotive 3.5** 2002-04-22
- **VxWorks 5.5** 2002
- **ERIKA Enterprise** 2002
- **Integrity 4.0** 2002-03-13
- **Windows CE .NET 4.1** 2002-07-30
- **Integrity-178B** 2002
- **iRMX** 2003-06-24
- **FreeRTOS 1.0.0** 2003-10-06
- **Windows CE .NET 4.2** 2003-04-23
- **iRMX III** 2004
- **Windows CE 5.0** 2004-07-09
- **VxWorks 6.0** 2004
- **Windows Embedded for Point of Service** 2005-06-06
- **FreeRTOS v3.0.0** 2005-08-16
- **Windows Automotive 5.0** 2005-07-12
- **RT-Thread** 2006
- **FreeRTOS v4.0.0** 2006-08-15
- **Windows Embedded CE 6.0** 2006-11-01
- **MICROSAR.OS** 2006
- **Trampoline** 2006
- **uT-Kernel** 2007
- **Windows Embedded CE 6.0 R2** 2007-11-12
- **RTA-OS** 2007
- **EB tresos AutoCore OS** 2007
- **Windows Embedded Standard 2009** 2008-12-14
- **FreeRTOS v5.0.0** 2008-05-22
- **Windows Embedded NavReady 2009** 2008-06-16
- **LK** 2008
- **uC/OS-III** 2009
- **Windows Embedded POSReady 2009** 2009
- **FreeRTOS v6.0.0** 2009-12-02
- **Windows Embedded CE 6.0 R3** 2009-09-22
- **ArcCore AUTOSAR OS** 2009
- **SMX v4.0** 2010
- **Nucleus RTOS 3** 2010
- **Windows Embedded POSReady 7** 2011-07-01
- **FreeRTOS v7.0.0** 2011-03-02
- **Windows Embedded Compact 7** 2011-03-01
- **VxWorks 6.9** 2011
- **TOPPERS ATK2** 2012
- **IBM 4690 OS V6R3** 2012-05
- **Windows Embedded 8 Industry** 2013-04-02
- **Windows Embedded Compact 2013** 2013-06-13
- **Windows Embedded 8.1 Industry** 2014-04-16
- **FreeRTOS v8.0.0** 2014-03-12
- **VxWorks 7** 2014-03
- **LiteOS** 2015
- **Zephyr** 2016-02
- **FreeRTOS v9.0.0** 2016-05-24
- **FreeRTOS v10.0.0** 2017-11-29
- **Nucleus RTOS 2017.02** 2017-05-15
- **Cesium RTOS** 2020-06-23
- **FreeRTOS v10.4.0** 2020-09-17
- **SecureSMX** 2021
- **uT-Kernel 3.0.5** 2021-11
- **Fuchsia** 2021-05-25
- **FreeRTOS v10.6.0** 2023-11-19
- **ThreadX 6.4.1** 2024-02-28
- **VxWorks 7 24.03** 2024-02-27
- **VxWorks 7 25.09** 2025-08-22
- **RT-Thread 5.2.1** 2025-05-30
- **FreeRTOS v11.2.0** 2025-03-04
- **FreeRTOS v11.3.0** 2026-03
- **FreeRTOS v11.3.1** 2026-08-21
- **FreeRTOS v11.3.2** 2026-10-16

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