

Professional Windows Embedded Compact 7

Foreword by Mike Hall, Principal Software Architect at Microsoft

Samuel Phung, David Jones, Thierry Joubert

PROFESSIONAL WINDOWS® EMBEDDED COMPACT 7

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Samuel Phung David Jones Thierry Joubert



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ABOUT THE AUTHORS



SAMUEL PHUNG has worked in the technology field for more than 20 years. In the early 1990s, he led a financial database software development team, developing software for the banking industry. Later he led a software team developing Windows-Based telephony applications for a venture capital-funded startup. He started to work in the embedded computing field in the late 1990s and engaged with the Windows Embedded product team, starting with Windows NT 4.0 Embedded.

He has been working with Windows Embedded Compact since version 2.12 was introduced.

As the VP of sales and marketing for ICOP Technology, a hardware manufacturer headquartered in Taiwan with a branch office in the United States and a manufacturing facility in China, Samuel is responsible for strategic business development for ICOP in the North America region. In 2003, he created the Vortex86 branding and started an initiative focused on developing business around Windows Embedded technology for ICOP.

In 2009, he wrote Professional Microsoft Windows Embedded CE 6.0.

Samuel enjoys working with technology, actively engages with the academic community, and received the Windows Embedded MVP recognition from Microsoft since 2005. As part of his involvement in the academic community, Samuel actively works with university teaching professionals in the United States, China, and Taiwan and other regions to adopt Windows Embedded technology as part of their teaching curriculum.

As part of his Windows Embedded community activities, Samuel maintains a personal website: www.embeddedpc.net, to provide information resources related to Windows Embedded. In 2010, he initiated the Embedded101 Windows Embedded community portal, www.embedded101.com.



DAVID JONES has a Master of Engineering degree from RMIT University and BSc(Hon) from Melbourne University. David has been actively engaged in Embedded Systems and Computing Technologies for more than twenty years. From 1990 to 2006, he was a University Lecturer in Computer Engineering at RMIT University in Melbourne, Australia. After leaving his university teaching role in late 2006, he joined the Victorian Partnership for Advanced Computing (www.vpac.org) to provide embedded system training, consulting, and development services with a focus on

modern Embedded-system technologies. VPAC is a non-profit research agency established in 2000 by a consortium of Victorian Universities to provide advanced computing expertise, training, and support to academia, industry, and government.

While teaching at RMIT, he mentored student teams participating in the Windows Embedded Student Challenge competition sponsored by Microsoft. One of the student teams he mentored won first place during the 2005 worldwide final competition. David actively engages in the Windows Embedded community. He has delivered presentations on behalf of Microsoft in the Asia Pacific

region, covering Windows Embedded and .NET technologies. In 2010, he initiated the effort to develop a Device-Driver Wizard and a Component Wizard, both for Windows Embedded CE 6.0 and Windows Embedded Compact 7. He released community versions for both. David is a certified Windows Embedded trainer.



THIERRY JOUBERT is the CTO and co-founder for THEORIS, a technology company in France that provides project management, software consulting, outsourcing, and training services with focus on modern embedded technology. He graduated from the Ecole Centrale de Nantes in France with an engineering degree in computer science. Thierry has been actively engaged in Embedded-system design and real-time application development for over 25 years.

In addition to his responsibility working on commercial projects, Thierry is actively involved in the academic community, delivering Windows Embedded trainings and technical seminars for engineering schools and universities. In 2004, Thierry developed a case study on Windows CE for Microsoft's MSDN Academic Alliance curriculum, and published multiple technical papers to help teach Windows Embedded technology on the Microsoft Faculty Resource site. To recognize Thierry's effort and contribution to the Windows Embedded developer community, Microsoft has awarded the Windows Embedded MVP status to Thierry since 2007.

ABOUT THE TECHNICAL EDITOR



DOUG LOYD first learned to write code on his parents' Commodore 64, drawing inspiration from the pages of BYTE magazine. He earned his degree in Computer and Information Sciences from the University of Delaware and has spent the last 10 years working on Windows CE devices. He lives in rural Maryland with his wife and daughter. You can contact Doug at douglas.loyd@gmail.com.

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As I went through the process to learn Windows Embedded Compact, I found many information resources on the news group and forum, which helped me learn and resolved problems. I want to thank the developers in the community who helped answer questions on the news group, shared their knowledge, and posted valuable application notes online to help others.

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Most of all, I want to thank my wife, Ann, and my children, Aaron, Narissa and Nathan for their understanding and patience while I took time away from the family to work on the book.

-SAM PHUNG

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-David Jones

I STARTED WORKING WITH Windows CE 3.0 when Microsoft released it in 2000 and the product has come a long way since then to reach Windows Embedded Compact 7. All these years the Windows Embedded development and marketing teams have made sustained efforts to improve their products. I thank Lorraine Bardeen, Myriam Semery, Sondra Webber, Kevin Dallas, Olivier Bloch, Mike Hall, and D'Arcy Salzmann for their availability and openness when we make suggestions.

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—THIERRY JOUBERT

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