

## Windows CE 6.0 Migration Planning

Spring helps OEMs in developing a strategy for migration of their products to Windows CE 6.0

Windows CE 6.0 is the latest version of Windows CE operating system from Microsoft. Microsoft has implemented a new kernel for Windows CE 6.0, improved security features, and provided better support for interfaces like Wi-Fi and Bluetooth. We work with the OEMs to develop a migration strategy for Windows CE 6.0 from an earlier version of the operating system. Scope of the exercise is defined in consultation with the customer.

OEMs need an understanding of the issues involved in migrating the existing Windows CE code to the new version. Awareness of changes in development tools, and information about the new tools for testing and debugging is also important while planning for migration. Spring provides consulting in all these areas. We help the customer understand the schedule and cost impact of porting existing Windows CE code to 6.0. We also help them in identifying opportunities for performance improvement and addition of new features.

We take up the following activities:

- Carry out feasibility study to determine key technology issues and to identify ways to address them
- Explore how the new operating system will interact with the hardware architecture of the existing product
- Discuss whether a device using Windows CE 4.2 should move directly to Windows CE 6.0 or move to Windows CE 5.0 first
- Identify any portions of code that may have to be re-written
- Assess the impact of Windows CE 6.0 on parameters like code size, performance and security
- Identify training needs for customer's engineering team in case the customer plans to execute the project in-house
- Provide inputs on ensuring backwards compatibility of the existing application
- Contribute to the development of the overall migration plan

### Deliverables

- A report documenting important observations and providing recommendations for migration
- An optional price proposal for Spring to carry out the migration

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