Suspend/resume Cycle
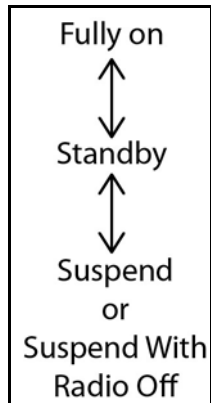
On all Psion computers there is an intermediate state between *fully on* and *suspend*. The process—referred to as the *suspend/resume cycle*—is as follows:

```
Fully on
   ↑
   ↓
Standby
   ↑
   ↓
Suspend
   or
Suspend With
Radio Off
```

Comparison of Power States

Function	Fully On	Standby Mode	Suspend Mode	Suspend with Radio off Mode	Power Off Mode
Applications	Executing	Executing	Not executing	Not executing	CPU powered down
Display	On	Off	Off	Off	Off
Touchscreen	Unlocked	Locked	Locked	Locked	Off
Keyboard	Unlocked	Locked	Locked	Locked	Off
Radios	On	On	On	Off	Off
Backlights	On	Off	Off	Off	Off

Fully on

Everything is on.

Standby Mode (Unattended Mode)

In *standby mode* the processor remains on so any running applications continue executing. *Standby mode* consumes more power than *suspend mode*.

Suspend Mode

In *suspend mode* the computer is in a power-saving state. When the computer is woken from this state, operation resumes within a few seconds continuing from where it stopped on suspend.

Suspend mode may occur automatically after a period of inactivity, or when the battery power reserve drops below a specified threshold. Typically the device goes into *suspend mode* when the user manually powers down the computer.

In *suspend mode*, the display, the keyboard and the peripherals are powered down. The operating system and any running applications are maintained in their current state, until the power source depletes.

Suspend with Radio Off Mode (Shutdown Mode)

In *suspend with radio off mode* the computer is in a power-saving state. When the computer is woken from this state, operation resumes within a few seconds continuing from where it stopped on suspend. On waking, all radios that were powered up, before entering *suspend with radio off mode*, are again powered up.

Suspend with radio off mode does not occur automatically. The computer enters this mode immediately when this option is selected on the **Shutdown** menu.

In *suspend with radio off mode*, the display, the keyboard , the radios, and the peripherals are powered down. The operating system and any running applications are maintained in their current state, until the power source depletes.

Power Off

Everything is powered down with the exception of Syscon (the component that detects power up).

The computer is woken from this state by pressing the **Power** button.

Manual Initiation of Standby, Suspend, and Power Off

Psion Computer	Standby	Suspend	Suspend with Radio Off (menu option hidden by default)	Power Off
753x (Windows CE 5.0)	Not accessible.	Press **BLUE**, then press **ENTER** *or* Tap **Start** › **Shutdown** › **Suspend**.	Not available.	Not available.
8515 (Windows CE 5.0)	Not accessible.	Press **BLUE**, then press **ENTER** *or* Tap **Start** › **Shutdown** › **Suspend**.	Not available.	Not available.
8525 / 8530 (Windows CE 5.0)	Not accessible.	Press **BLUE**, then press **ENTER** *or* Tap **Start** › **Shutdown** › **Suspend**.	Not available.	Not available.
Workabout Pro (7525) (Windows CE .NET 4.2)	Not accessible.	Press **BLUE**, then press **ENTER/ON** *or* Tap **Start** › **Shutdown** › **Suspend**.	Not available.	Not available.
Workabout Pro (7525) (Windows Mobile 2003 SE)	Not accessible.	Press **BLUE**, then press **ENTER/ON**	Not available.	Not available.
Workabout Pro (7525) (Windows Mobile 5.0)	Not accessible.	Press **BLUE**, then press **ENTER/ON**	Not available.	Not available.

Psion Computer	Standby	Suspend	Suspend with Radio Off (menu option hidden by default)	Power Off
Workabout Pro G2 (7527) (Windows CE 5.0)	Press **FN/BLUE**, then press and hold **ENTER**, select **Standby**, then press **ENTER**. **Note:** Through the GUI, you can set an option that suspends the device when **FN/BLUE** then **ENTER** is pressed.	Press **FN/BLUE**, then press **ENTER** *or* Press **FN/BLUE**, then press and hold **ENTER**, select **Suspend**, then press **ENTER.** *or* Tap **Start** › **Shutdown** › **Suspend**.	Not available.	Not available.
Workabout Pro G2 (7527) (Windows Mobile 6.1 Classic and Pro)	Press **FN/BLUE**, then press and hold **ENTER**, select **Standby**, then press **ENTER**. **Note:** Through the GUI, you can set an option that suspends the device when **FN/BLUE** then **ENTER** is pressed.	Press **FN/BLUE**, then press **ENTER** *or* Press **FN/BLUE**, then press and hold **ENTER**, select **Suspend**, then press **ENTER.**	Not available.	Not available.
Workabout Pro3 (7527) (Windows CE 5.0)	Press and hold **POWER**, select **Standby**, then press **ENTER.** **Note:** Through the GUI, you can set an option that suspends the device when **POWER** is pressed.	Press **POWER.** *or* Press and hold **POWER**, select **Suspend**, then press **ENTER** *or* Tap **Start** › **Shutdown** › **Suspend**.	Not available.	Not available.
Workabout Pro3 (7527) (Windows Mobile 6.1 Classic and Pro)	Press and hold **POWER**, select **Standby**, then press **ENTER.** **Note:** Through the GUI, you can set an option that suspends the device when **POWER** is pressed.	Press **POWER.**	Not available.	Not available.
Ikôn (7505) (Windows CE 5.0)	Not accessible.	Press **Power** button *or* Tap **Start** › **Shutdown** › **Suspend**.	Press and hold **POWER** *or* Tap **Start** › **Shutdown** › **Shutdown**.	Not available.
Ikôn (7505) (Windows Mobile 6)	Not accessible.	Press **Power** button.	Press and hold **POWER**	Not available.
NEO (750) (Windows CE 5.0)	Not accessible.	Press **FN/BLUE**, then press **ENTER** *or* Tap **Start** › **Shutdown** › **Suspend**.	Not available.	Not available.
NEO (750) (Windows Mobile 6.1)	Not accessible.	Press **FN/BLUE**, then press **ENTER**.	Not available.	Not available.
Omnii XT10 (7545XV) Omnii XT15 (7545XA) Omnii RT15 (7545XC) Windows Embedded CE 6.0)	Not accessible.	Press **FN/BLUE**, then press **Power** *or* Tap **Start** › **Shutdown** › **Suspend**.	Not available.	Not available.

Psion Computer	Standby	Suspend	Suspend with Radio Off (menu option hidden by default)	Power Off
Omnii XT15 (7545XA) Omnii RT15 (7545XC) (Windows Embedded Hand-Held 6.5)	Not accessible.	Press **FN/BLUE**, then press **Power** *or* Tap **Start** > **Shutdown** > **Suspend**.	Not available.	Not available.
EP10 (7515) (Windows Embedded Hand-Held 6.5)	Not accessible.	Press **Power** button.	Press and hold **POWER** *or* Tap **Start** > **Shutdown** > **Suspend With Radio Off**.	Press and hold **POWER** *or* Tap **Start** > **Shutdown** > **Power Off**.

Wake up from Suspend Mode, or Suspend With Radio Off Mode

When one of the following occurs, a computer that is in *suspend mode*, or *suspend with radio off mode*, wakes up:

- The device is connected to external power.
- A USB peripheral is connected.
- The battery is inserted.
- The battery door is closed.
- The touch screen is touched.
- *Suspend mode* only: The WWAN radio receives an incoming voice call, or it receives SMS or IP data packets.
- An expansion port, controlled through the HDK, is connected.

Not all of these wake-up sources are available on all Psion computers. Consult the user manual for your computer to find out which features are on your device.