

Solution Element

Status: Existing
 Modified
 Speculative

Title: *Short title
(one to three
words):*

**Silent
Answer**

Number
identifier
2

Project **Empowerment
Tools**

Name of the project:

Mode **Use**

Mode of operation
or behavior:

Activity **Meeting**

Activity under the Mode:

Originator **John Smith**

Original producer (sponsor)
of this document

Contributors **C. Owen**

Contributors of additions and/or changes

23 April, 2000

Description:

Summary description of the idea/s for this Solution Element (Solution Elements are preliminary, potential elements of a final system concept—final versions will be called System Elements). Should describe general characteristics; details should be given as bullets in the **Properties** section.

Example:

A special "hold" button for a cell phone that initiates a special answering option. When "on", the phone answers a call automatically and relays a canned message to the caller requesting that the caller stay on the line while the person called moves to a location convenient to receiving the call.

Source (if existing or modified)

Information necessary to identify and locate existing concepts or concepts modified to create the Solution Element. Use "New concept" if Solution Element is speculative (i.e., wholly new).

New concept.

Properties — *what it is:*

Short "bullet" statements highlighting specific characteristics possessed by the Solution Element. Should extend the description above by describing special functional or formal elements of the design. Distinguished from **Features** by the emphasis on "what it is" rather than "what it does". Use noun phrase format: <optional modifier/s> <noun>.

Examples:

- Vibrator and/or flashing signal light
- Button to initiate silent answer mode
- Stored message

Features — *what it does:*

Short "bullet" statements expressing what the Solution Element does or what characteristics of the Solution Element do. Should bring out the functions performed by the element (with direct application for product description in manuals and advertising). Distinguished from **Properties** by the emphasis on "what it does" rather than "what it is". If feature is tied to a specific property, list the property at the end. Use verb phrase format: <verb> <optional modifier> <object> <optional descriptive phrase> <optional reference to specific **Property**>

Examples:

- Confirms for caller that call has reached the person called.
- Keeps caller on line while person called moves to a location suitable for taking the call.
- Allows time for a person called to find an appropriate place to receive the call (side of the road, out of the rain, etc.)
- Includes provision for delayed return: "If you don't hear from me within 2 minutes, I am unavoidably detained right now".
- Prevents incoming calls from interrupting ongoing activities.
- Avoids embarrassment to person called when setting is inappropriate for receiving calls.

Associated Function/s

Function/s fulfilled by this Solution Element (from original Design Factor/s inspiring the idea).

Present information
Take notes
Discuss proposals/problems
Share concerns/ideas remotely
Make and confirm decisions
Clarify and schedule actions

Source Design Factor/s

Title of Design Factor/s whose insights contributed to this idea (original source/s for this Solution Element).

Call Interrupts Activity

Version **2** Date: 23 April, 2006

Date of first version: 11 March, 2006

Form: 9/18/2008