

Claims

1. A method for real-time synchronization between a device and host servers,
5 characterized by:
 providing an embedded program to the device to enable self
 discovery of the device;
 executing a decision controller process of the embedded program on
 the device to detect a tag identity previously generated and embedded in
10 the device, ~~by the host servers~~;
 in absence of the tag identity, scanning the device to obtain a device
 profile, allocating a tag identity to the device profile, and storing the tag
 identity in the device;
 performing synchronization between the device and the host servers
15 according to the tag identity.
2. A method for real-time synchronization between a device and host servers
according to claim 1, wherein the decision controller process is handled by
critical binary functions.
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3. A method for real-time synchronization between a device and host servers
according to claim 1, wherein the device profile comprises the device
physical and logical properties.
- 25 4. A method for real-time synchronization between a device and host servers
according to claim 1, wherein the tag identity allocated to a device profile is
associated to a user's profile.
- 30 5. A method for real-time synchronization between a device and host servers
according to claim 1, wherein the synchronization is initiated autonomously
or upon request by a user.