

An Efficient Management Approach for Remotely Connected Network Devices

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Modern mobile communication devices which are often used as remote access to information systems bring up many advantages for user. Unfortunately in some cases when user has several different mobile devices for the same remote access, a problem of multiplatform and multivendor environment fragments productivity by user knowledge in principals of approach to possible services, controlling or management of devices as well as features is available. We propose a concept of such information system which takes into account mobile devices and their content. It covers all mobile platforms as well as the sensors capabilities of mobile devices which can turn such mobile Smart Device to mobile sensor concentrator. Global acquirements of devices power used for developing smart environments, that could dramatically increase human productivity as a side effect, would be recognized as a middle step of oncoming technology evolution. Our proposed Remote Device Management is designed to address a productivity concept for users who prefer centralized management point and confident approach to multiplatform types of devices in comprehensive way. The future user content management challenges will have to take into account multi-device environment where platforms are device specific features.

Keywords: Remote Devices, Mobile Communication, Mobile Devices, Information Systems.