3GPP TSG_CN / SMG3   **Tdoc NP-000180**
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Source:	**Ericsson, Siemens, Lucent**
Title:	**VHE/OSA Release 99**
Agenda item:	**5.5**
Document for:	**Discussion and Approval**

3GPP TSG SA and CN have provided a set of new specifications to introduce the concept of Virtual Home Environment and Open Service Architecture. The set of specifications is:

- TS 22.121 – Virtual Home Environment
- TS 23.127 – Virtual Home Environment/Open Service Architecture
- TS 29.198 – Open Service Architecture; Application Programming Interface; Part 1
- TR 29.998 - Open Service Architecture; Application Programming Interface; Part 2

The concept of VHE/OSA provides a complete new perspective to the telecommunication environment, which is the suitability of the telecom network to provide services without the requirement of detailed network protocol knowledge. This will open up the telecom environment for easier access of service developers. **This will provide 3G networks a major step forward considering with the 2G network where the service development is constrained by few experts.**

This requirement is already recognised by several forums (e.g. TINA-C, Parlay, JAIN, ITU-T and ETSI). Already demo systems of the OSA API exists on the market, although not publicly available. The external forums are addressing similar requirements to establish "the Application Programming Interface". **Therefore, there is an urgent need that 3GPP address the "Open Service Architecture" to establish a consolidated position within the service API arena from mobile perspective.**

One can always argue that the OSA specifications are not finished or complete enough based on a desired requirement list. However, the current set of specification delivers an excellent basis for further expansion. Also one should remind that the OSA capabilities reflects the network capabilities and since this is growing each 3G release, it is expected that **VHE/OSA will also yearly enhanced.**

PROPOSAL

It is strongly recommended by the sourced companies that the current set of VHE/OSA specifications will be endorsed by TSG#07 for inclusion into VHE/OSA R'99. It can also be noted that VHE/OSA R'99 has a strong industry support.