e-Health: opportunity for Broadband Development

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Agenda

1 eHealth challenges
2 what’s inside eHealth
3 Broadband for eHealth
constraints on healthcare systems are growing
new organizations are mandatory

**Ageing**

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2050</th>
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<tbody>
<tr>
<td>over 60</td>
<td>10%</td>
<td>20%</td>
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<tr>
<td>over 80</td>
<td>5%</td>
<td>10%</td>
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**Chronic disease**

world wide chronic disease concerns 41% of patients and occurs 83% of the healthcare cost

**Huge financial pressure**

Despites organizational efforts, and technologies, healthcare costs are growing faster than GDP: +5% / year
## eHealth answer the needs of a complex ecosystem

Joining up healthcare on three different fields

<table>
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<tr>
<th>Health professional services</th>
<th>Health Management</th>
<th>Prevention &amp; Wellness</th>
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<td>For hospitals, surgeries and pharmacies, and the professionals and patients within them. <strong>joining up</strong> all of the people and infrastructure within the healthcare ecosystem, enabling superior coordination, collaboration and information flow between all parties.</td>
<td>Managing health conditions outside of traditional care environments in places such as the home. <strong>joining up</strong> traditional and non traditional healthcare environments, enabling high quality care and condition management within the broader community, giving patients more choice over their care provision.</td>
<td>Preventing health conditions before they arise. <strong>joining up</strong> people to the tools and information they need to manage their own health and well-being in the course of their everyday lives – whenever they need to, wherever they are needed.</td>
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On « Health Management » and « Prevention and wellness », a narrow bandwidth is often enough to deliver the service.

Remote follow up
Sorin, Calydial, etc

Personal Emergency System

Make mobile part of your managed process with Orange SmartNumbers

www.tendance-santé.fr
Online, on mobile devices
Most « Health Professional services » services have low bandwidth consumption
However, some high value added services require broadband.

**Project « Région Sans Film »**
Dematerialization of medical imaging

**Dematerialization**
Third party payment

**IT for hospitals & clinics**
IP network, LAN, WAN, etc

**Teleconsultation**
Thank you