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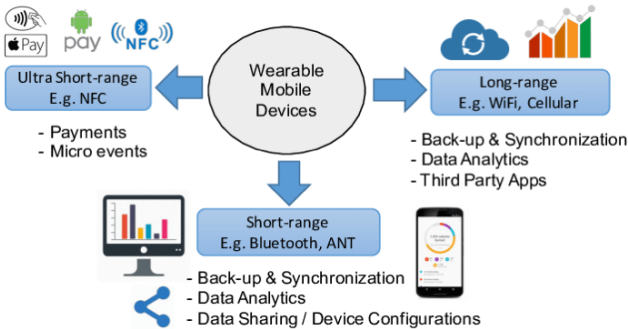
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Communication modes of wearable devices

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A Survey of Wearable Devices and Challenges

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Jul 2017

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 Tham Nguyen · [...] ·  Aruna Seneviratne

As smartphone penetration saturates, we are witnessing a new trend in personal mobile devices — wearable mobile devices or simply wearables as it is often called. Wearables come in many different forms and flavours targeting different accessories and clothing that people wear. Although small in size, they are often expected to continuously sense, c...

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Contexts in source publication

Context 1

... this end, we first survey the potential security threats to current wearable communications and then review proposed solutions in the next section. To offer a diverse range of applications, wearables rely on a wide variety of wireless communication protocols supporting different communication ranges as illustrated in Figure 3. Because wearables often need to transmit highly private information, be it health, financial payment, or any other private transactions, they must guard themselves against any security risks involving wireless data access. ...

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