Perkembangan Jaringan Telekomunikasi di Era Revolusi Industri 4.0

Oleh:

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NEC adalah badan usaha miliki Nippon, berdiri pada tahun 1899 oleh kunihiko Iwadare. Kantor pusat di Minato, Tokyo, japan. Di Indonesia ada di Summitmas 1, 4th floor, Jl Jend Sudirman Kav 61-62. Bergerak dibidang ICT Solution.

**OUTLINE**

1. Industrial Revolution

Revolution industry 1.0, the first invention tahun 1784.

Revolution Industry 2.0, Mass invention tahun 1870

Revolution Industry 3.0, Automation and Computer

Revolution Industry 4.0, Internet of Thing and Cyber Physical System, network.

Over The Top (OTT)

Sms -> Message -> Whatsapp

Winrar -> Music Player -> Joox, Sportify

Blue Bird -> Transportation -> Gojek, Grab

Toko -> e-comerse -> Bukalapak, Tokopedia

Uang Cash -> Payment -> Ovo

+ Positioning of telecommunication (End-to-end transport)

+ Component of Telecommunication Industry

- Consumer (Academia)

- Operator (XL, Indosat Oredoo, Telkomsel)

- Vendor (NEC, ZTE, HUAWEI)

- Regulator (Kemkominfo)

+Trends of Operator in Indonesia Vs World

1. Development of Transmission
2. Trend of Telecommunication Industry
3. Requirement for 5G
4. 5g Network and Solution