

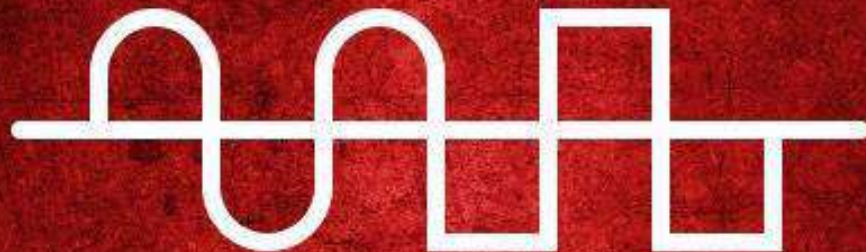


PERUBAHAN2 YANG TERJADI |

PERUBAHAN

1

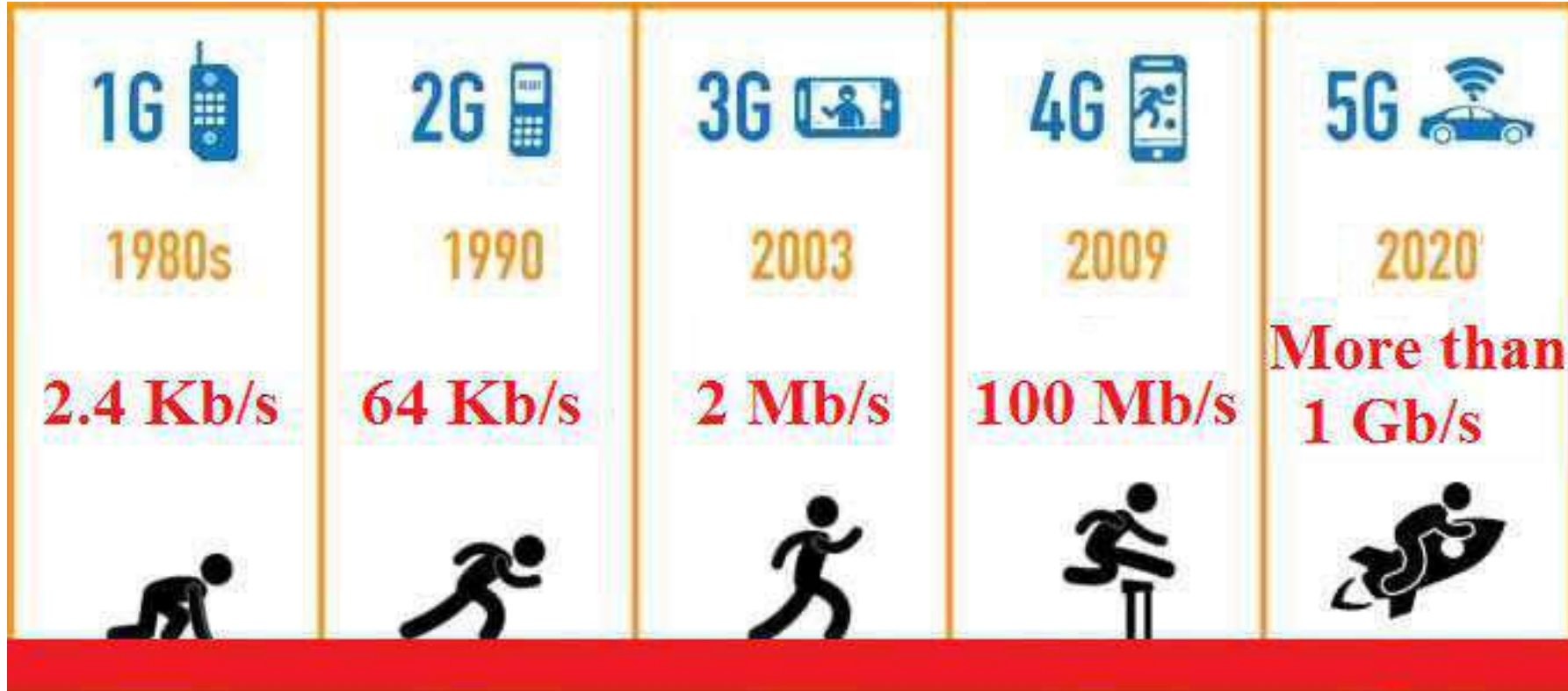
Analog



Digital

PERUBAHAN

2





1G

1ST GENERATION *wireless network*

- Basic voice service
- Analog-based protocols



2G

2ND GENERATION *wireless network*

- Designed for voice
- Improved coverage and capacity
- First digital standards (GSM, CDMA)



3G

3RD GENERATION *wireless network*

- Designed for voice with some data consideration (multimedia, text, internet)
- First mobile broadband



4G

4TH GENERATION *wireless network*

- Designed primarily for data
- IP-based protocols (LTE)
 - True mobile broadband



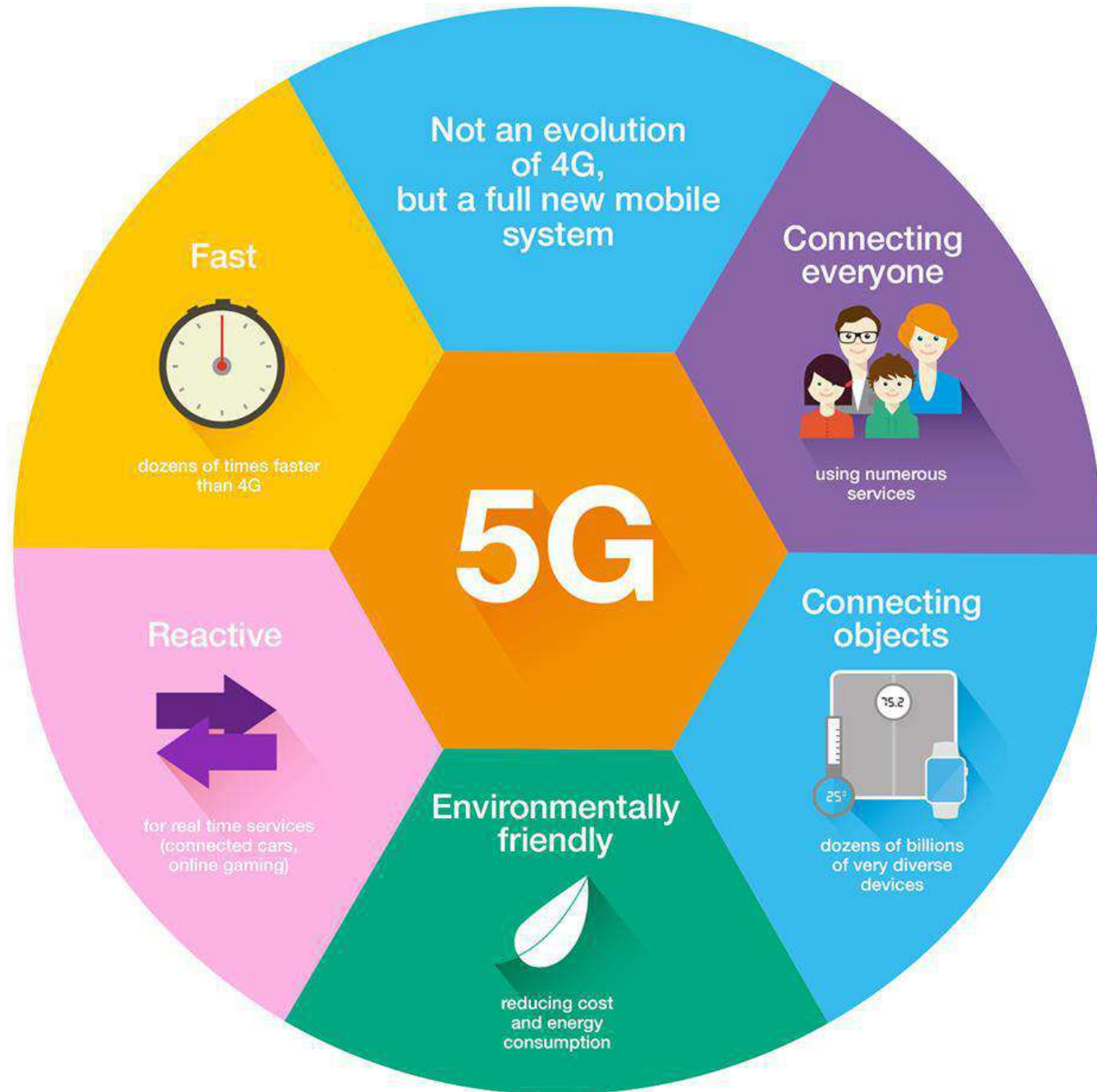
T H E N E E D F O R S P E E D *in kilobits per second*

2.4 *kbps*

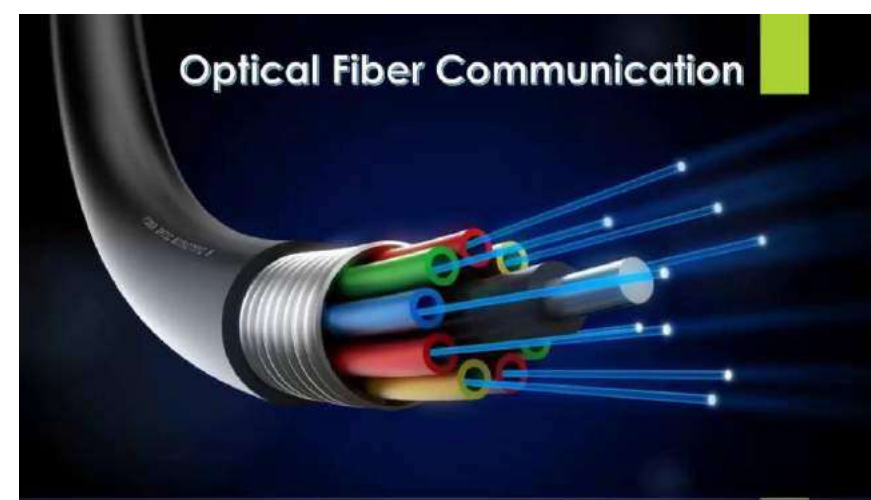
64 *kbps*

2,000 *kbps*

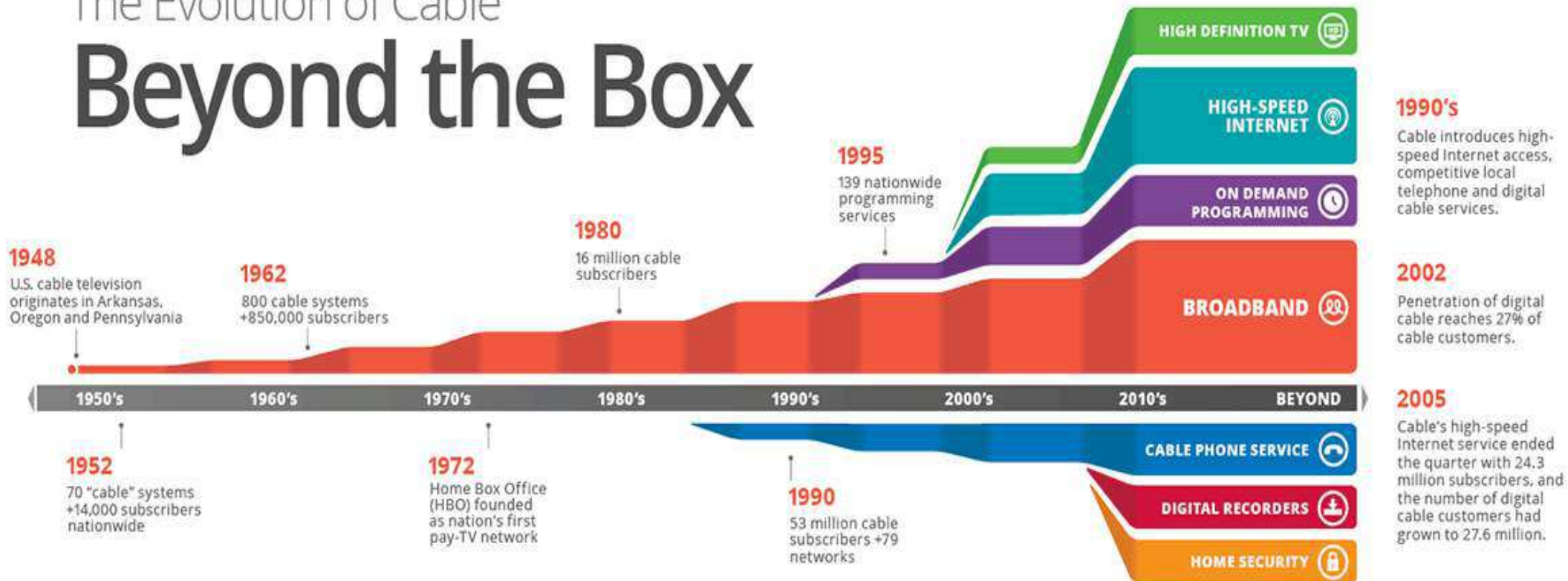
100,000 *kbps*



PERUBAHAN 3



The Evolution of Cable Beyond the Box



PERUBAHAN 4

COMPUTER EVOLUTION

1970s – 2010s



Large mainframe computers were used for data processing and business applications. They were often housed in large cabinets and required specialized operators.



Personal computers became popular in the 1980s, allowing individuals to use computers at home and in small businesses.



Modern computers are highly powerful and versatile, capable of performing a wide range of tasks, from simple data processing to complex scientific simulations.

1

2

3

4

5

HEADER

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HEADER

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HEADER

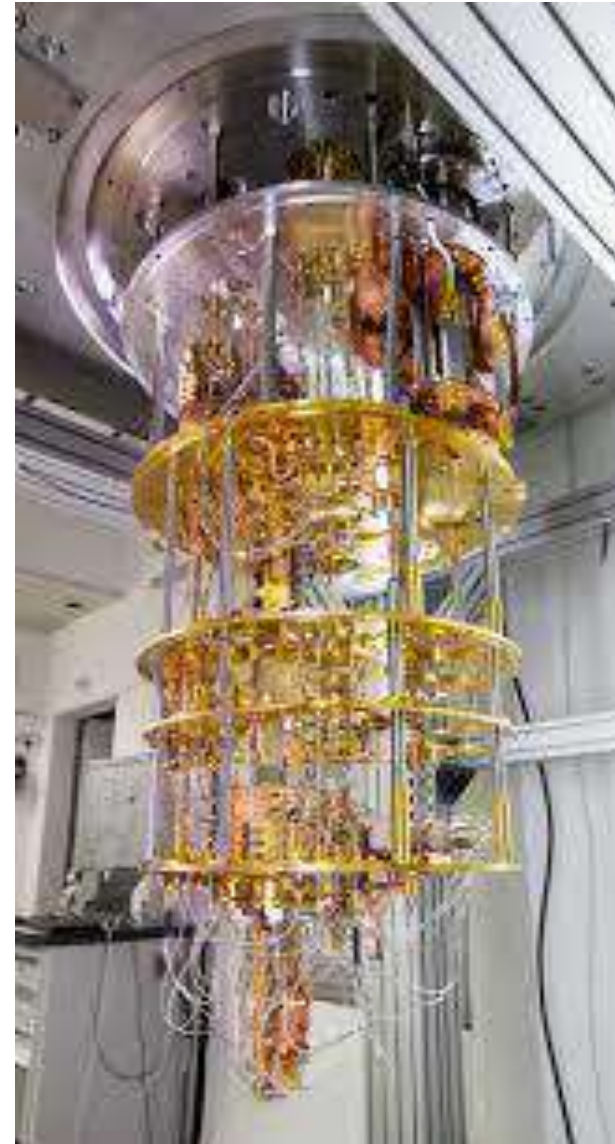
Desktop computers became popular in the 1990s, allowing individuals to use computers at home and in small businesses.

HEADER

Modern computers are highly powerful and versatile, capable of performing a wide range of tasks, from simple data processing to complex scientific simulations.

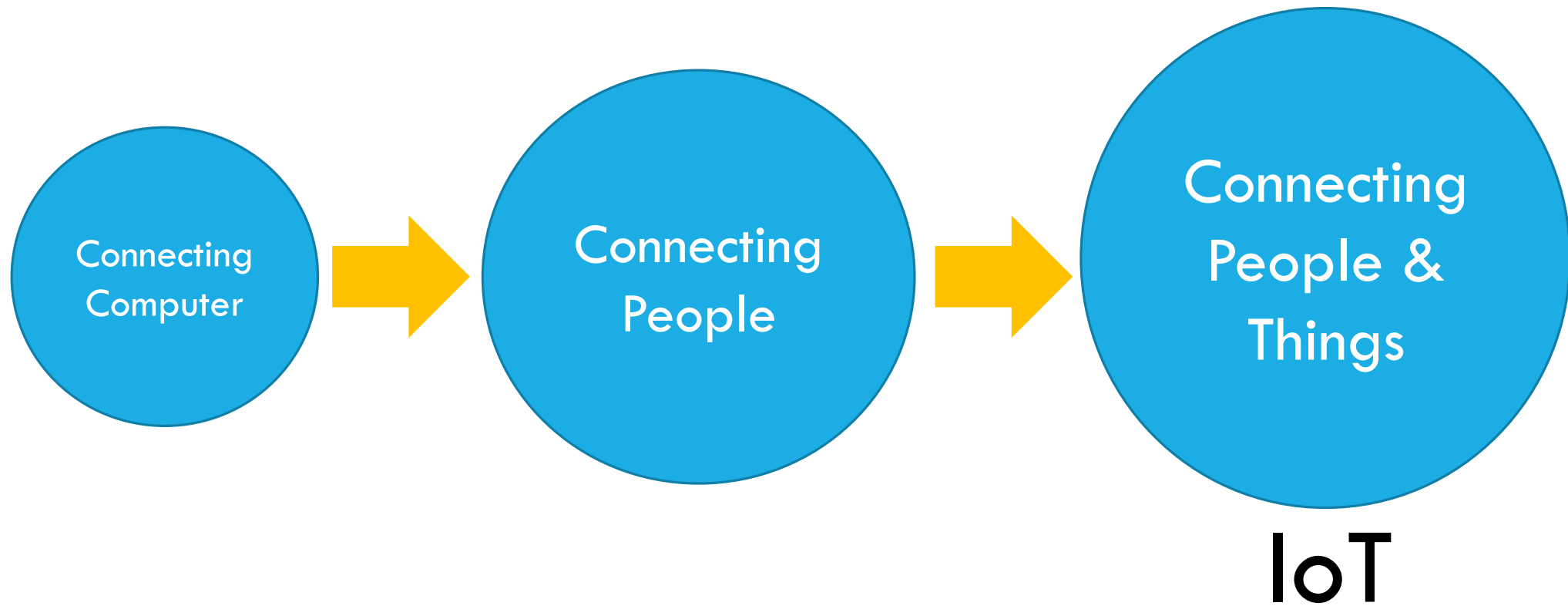
HEADER

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PERUBAHAN

5





TERIMA KASIH |