

Keamanan Siber

(Prespektif Legal dan Praktis)



Teguh Arifiyadi

Ministry of ICT

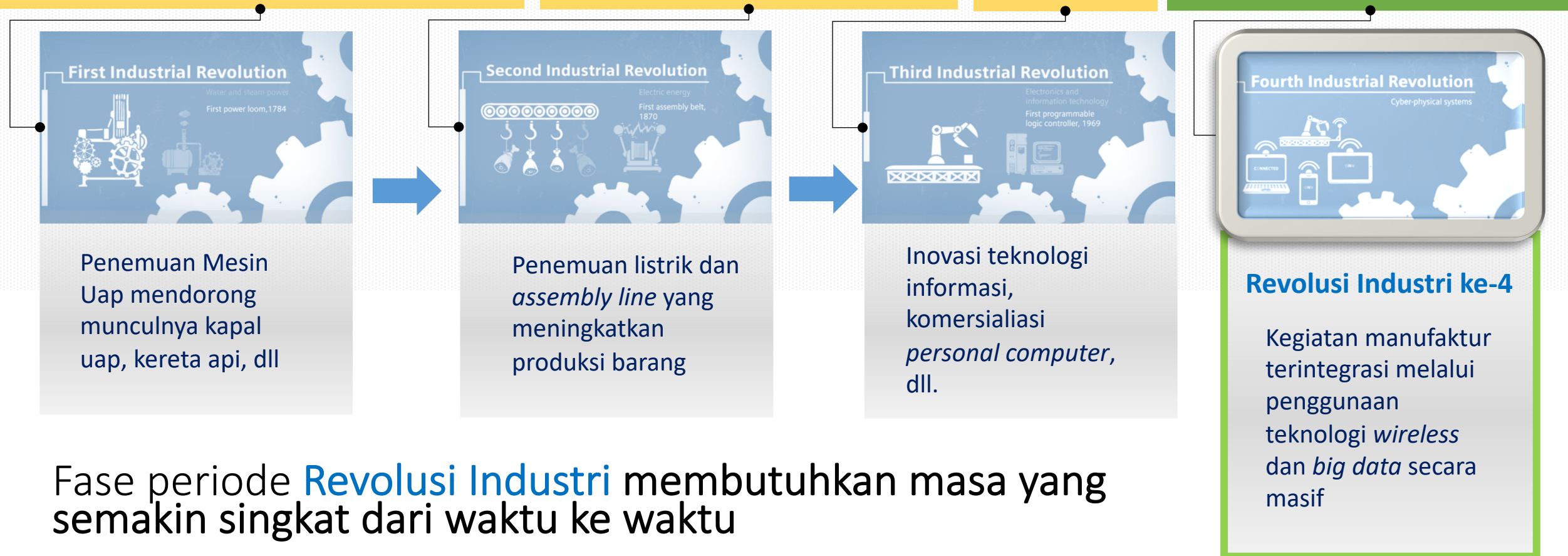
Chairman and Founder of Indonesia Cyber Law Community (ICLC)

Tahap-Tahap Revolusi Industri

1800

1900

2000 now



Fase periode **Revolusi Industri** membutuhkan masa yang semakin singkat dari waktu ke waktu

Wajah Kegiatan **Ekonomi Dunia** saat Ini



Saat ini berbagai macam kebutuhan manusia telah banyak menerapkan dukungan **internet** dan **dunia digital** sebagai wahana interaksi dan transaksi

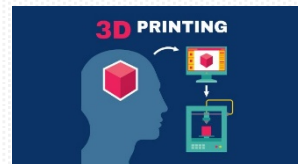
Sharing economy



Cloud Collaborative



Smart Manufacturing



e-Education



Marketplace



Smart City



e-Government



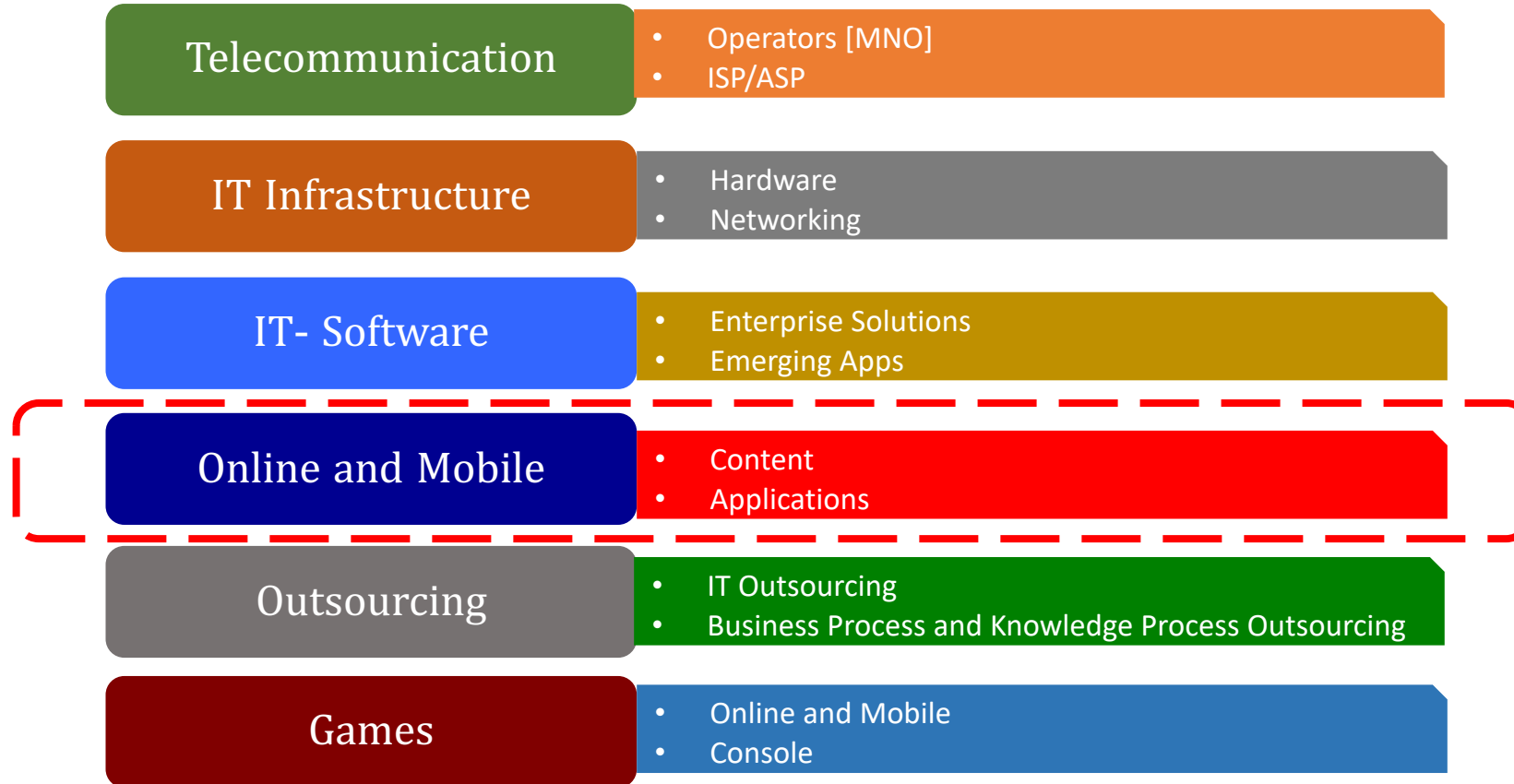
Online Health Services



Smart Appliances



ICT Sector Segment



APR
2020

COVID-19: INCREASE IN ONLINE AND DIGITAL ACTIVITIES

PERCENTAGE OF INTERNET USERS AGED 16 TO 64 IN SELECT COUNTRIES* WHO REPORT SPENDING MORE TIME ON EACH ACTIVITY IN RECENT WEEKS

WATCHING MORE SHOWS &
FILMS ON STREAMING SERVICES



57%



SPENDING LONGER
USING SOCIAL MEDIA



47%



SPENDING LONGER ON
MESSENGER SERVICES



46%



LISTENING TO MORE MUSIC
STREAMING SERVICES



39%

SPENDING MORE TIME
ON MOBILE APPS



36%



SPENDING MORE TIME PLAYING
COMPUTER OR VIDEO GAMES



35%



CREATING AND
UPLOADING VIDEOS



15%



LISTENING TO
MORE PODCASTS



14%

JAN
2019

INDONESIA

THE ESSENTIAL HEADLINE DATA YOU NEED TO UNDERSTAND MOBILE, INTERNET, AND SOCIAL MEDIA USE



TOTAL
POPULATION



268.2

MILLION

URBANISATION:

56%

MOBILE
SUBSCRIPTIONS



355.5

MILLION

vs. POPULATION:

133%

INTERNET
USERS



150.0

MILLION

PENETRATION:

56%

ACTIVE SOCIAL
MEDIA USERS



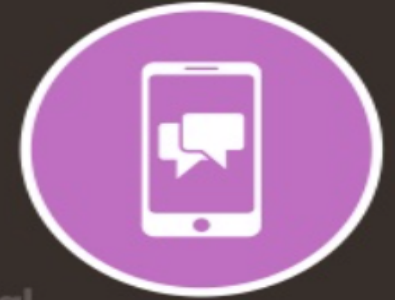
150.0

MILLION

PENETRATION:

56%

MOBILE SOCIAL
MEDIA USERS



130.0

MILLION

PENETRATION:

48%



we
are
social



we
are
social



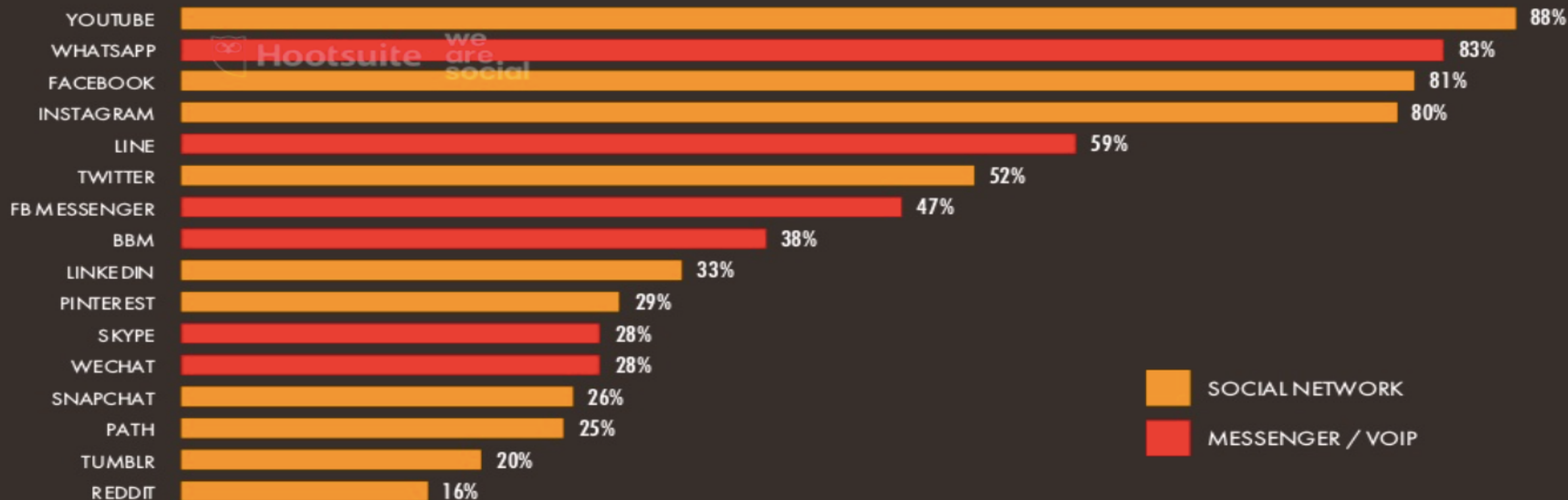
Hootsuite™

we
are
social

JAN
2019

MOST ACTIVE SOCIAL MEDIA PLATFORMS

PERCENTAGE OF INTERNET USERS WHO REPORT USING EACH PLATFORM [SURVEY BASED]



JAN
2019

DEVICE USAGE

PERCENTAGE OF THE ADULT POPULATION* THAT USES EACH KIND OF DEVICE [SURVEY-BASED]



MOBILE PHONE
(ANY TYPE)



91%

we
are
social

SMART
PHONE



60%



LAPTOP OR DESKTOP
COMPUTER



22%

we
are
social

TABLET
DEVICE



8%

TELEVISION
(ANY KIND)



95%



DEVICE FOR STREAMING
INTERNET CONTENT TO TV



2%

we
are
social

E-READER
DEVICE



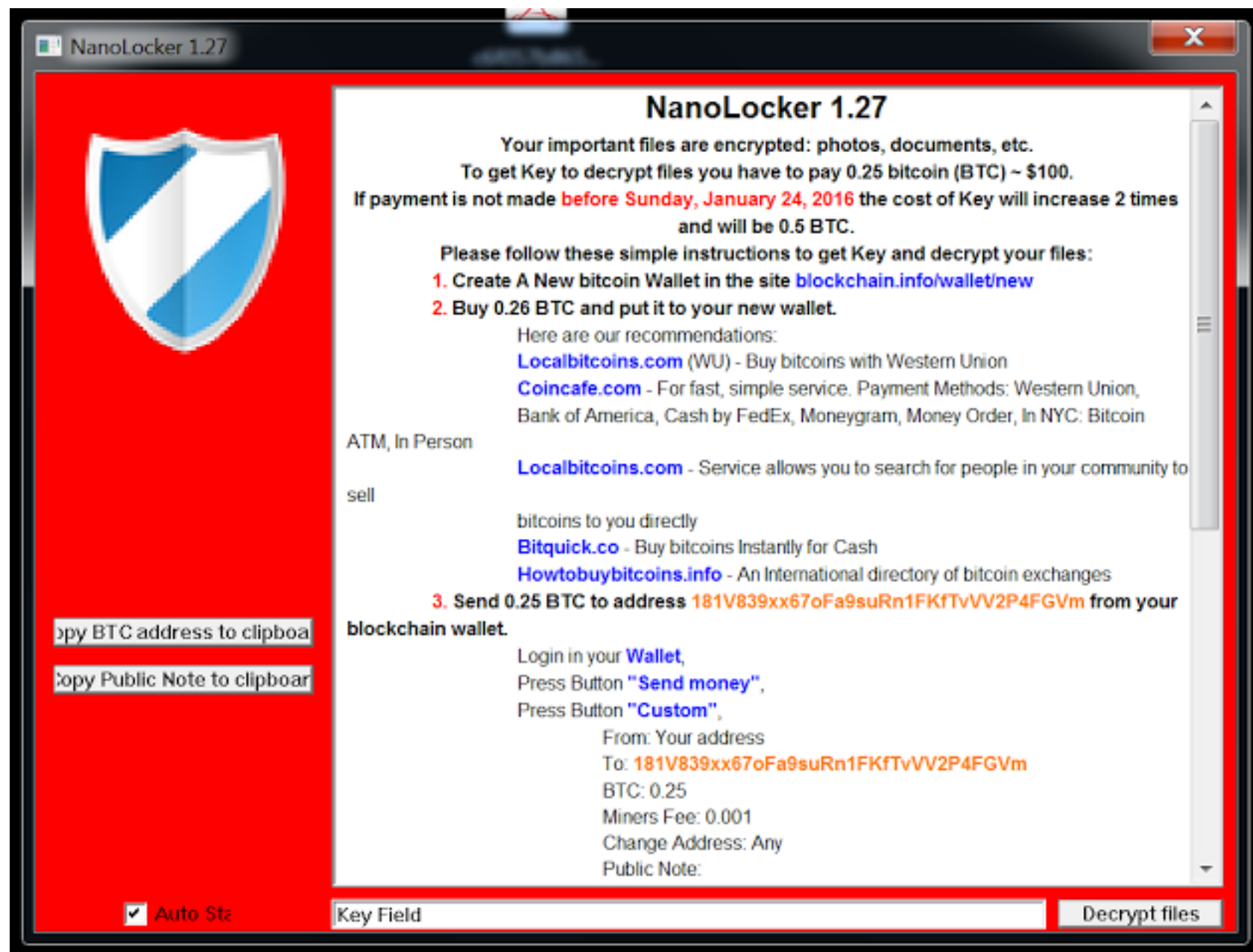
1%



WEARABLE
TECH DEVICE



1%





INSIDER



IT Security
Logic?

This is your ~~house~~ system!

BSSN Pastikan Tak Ada Kebocoran Data 230 Ribu Pasien COVID-19 Indonesia

Agus Tri Haryanto - detikinet

Minggu, 21 Jun 2020 20:34 WIB

10 komentar

SHARE



BSSN Pastikan Tidak Ada Kebocoran Data 230 Ribu Pasien COVID-19 Indonesia.
Foto: Agus Tri Haryanto/detikINET

Jakarta - Badan Siber dan Sandi Negara (BSSN) menegaskan tidak ada peniupan 230 ribu data pribadi pasien COVID-19

Tekno & Sains 23 Mei 2020 2:31

KPU dan Dukcapil Bantah Diretas, Dari Mana Hacker Dapat Data DPT Pemilu 2014?



kumparanTECH

Konten Redaksi kumparan

TOP NEWS | TERKINI | TENTANG KAMI



Ilustrasi Hacker Foto

Komisi Pemilihan Umum, Kependudukan dan Pencatatan Sipil (KPU) dan Dukcapil Negeri membantah jika mereka pada kasus kebocoran data DPT Pemilu 2014.

Adsmart Terpopuler Hoax or Not Suara Pembaca

detikNews > Berita

Polri Pastikan Peretasan Data Anggota Hoax, Motif Pelaku Diselidiki

Ahmad Bil Wahid - detikNews

Selasa, 16 Jun 2020 15:58 WIB

SHARE

HOME POLITIK HUKUM EKONOMI - METRO - SEPAKBOLA - OLAHRAGA - HUMAS
NUSANTARA - DUNIA - ENGLISH

FOKUS INFOGRAFIK FOTO VIDEO TEKNO OTOMOTIF WARTA BUMI KARKHAS
RAMADHAN RILIS PERS INDEKS

Kemendikbud bantah terjadi kebocoran data pegawai

Rabu, 27 Mei 2020 19:07 WIB

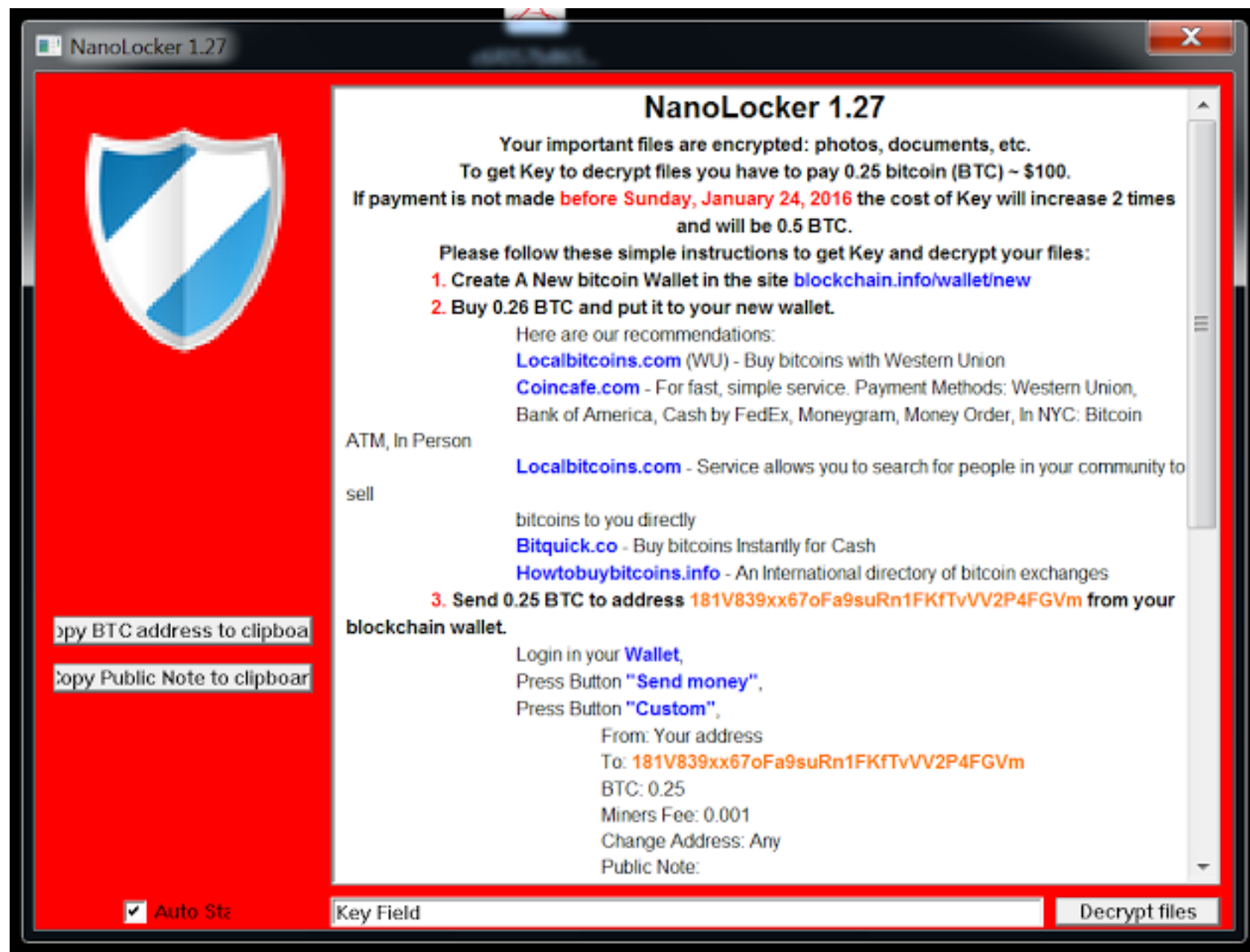


iyono (Bil Wahid/detikcom)

istikan informasi terkait pembobolan data. Menurut Polri, variabel yang ada ng tersebar di media sosial berbeda dengan

an bahwasanya hal tersebut merupakan ax yang tidak terbukti. Polri sudah idak ada pembobolan data SIPP atau sonel Polri karena variabel screenshot yang ial tidak sama dengan yang digunakan oleh kata Karo Penmas Divisi Humas Polri dalam konferensi di Mabes Polri, Jalan elatan, Selasa (16/6/2020).







ANONYMITY AND BORDERLESS PRINCIPLE

Cyber Security Cases and Issues

BLACK LIST

WHITE LIST

ARTIFICIAL INTELLIGENCE

- Se jauh mana hukum mengatur?
- Standard Akurasi?
- Siapa yang bertanggung jawab?



terima kasih

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