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DIGITAL TRANSFORMATION IN MONGOLIA

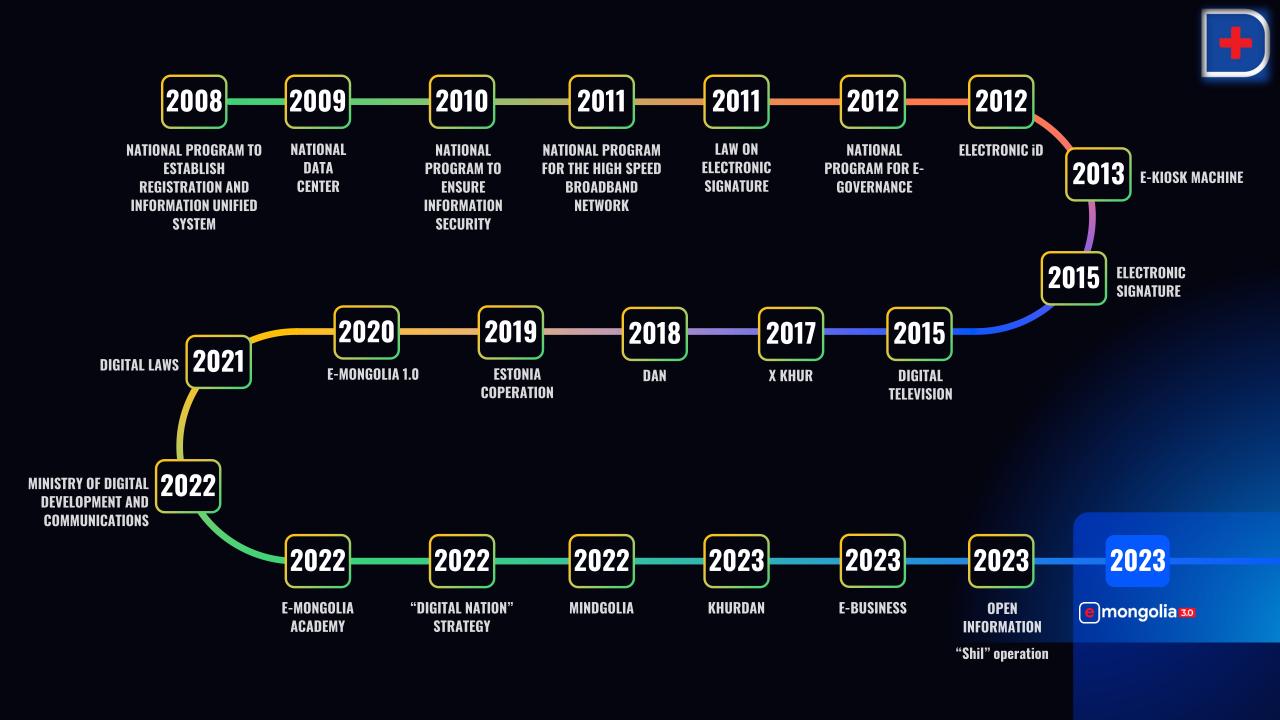
2024.04.08-09



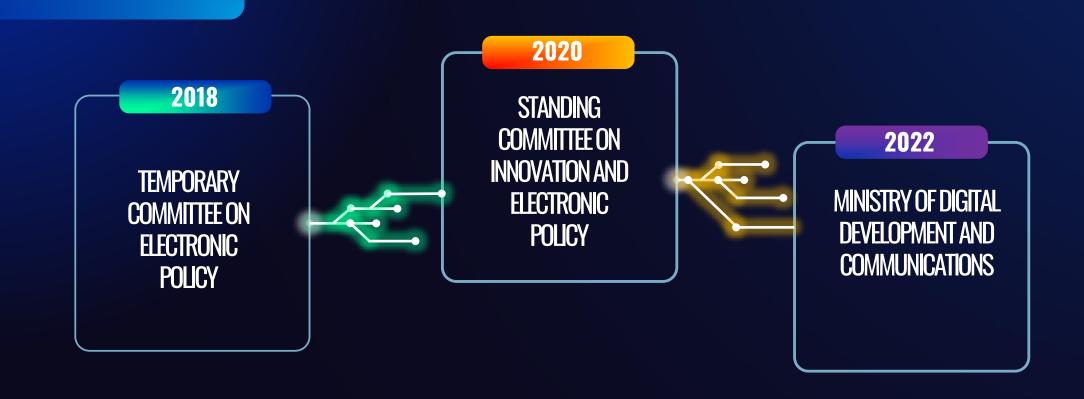


- .01 CURRENT SITUATION
- .02 POLICY AND IMPLEMENTATION















2021

Law of Mongolia on Protection of Personal Data

2021

Law of Mongolia on Electronic Signature

2023

109 laws to promote digital transformation

LAWs

2019

Law of Mongolia on Broadcasting

2021

Law of Mongolia on Cybersecurity 2021

Law of Mongolia on Public information transparency

1999

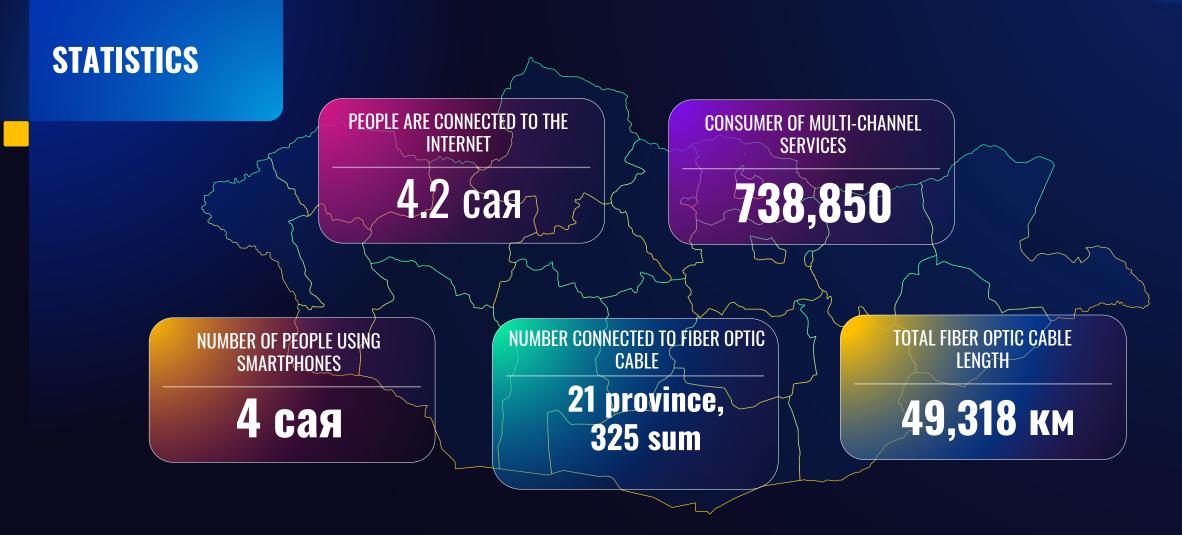
Law of Mongolia on Radio Wave 2001

Law of Mongolia on Communication

2003

Law of Mongolia on Post





E-GOVERNMENT DEVELOPMENT INDEX





DIGITAL TRANSFORMATION

E-GOVERNMENT DEVELOPMENT INDEX (EGDI) (193 countries)

2018	2020	2022
92	92	74
•		

46/143

4G network

14/144

3G network

E-ECOSYSTEMS

(

Innovation index (132 counties)

2018	2020	2022
66	58	71
•		•

As of 2022, Mongolia was ranked at 73rd out of 100 on start-up ecosystem globally

E-ECONOMY

0.24%

Share of IT sector in GDP



\$37.7 cas

Share of IT revenue in the digital development and communication sector (2022)

As of 2022, the turn-off in digital health was 1.7 trillion MNT which is equivalent to 3.2% of the GDP.



CYBER SECURITY INDEX



Global cybersecurity report 2020 issued by the International Telecommunication Union

120/194

Asia-Pacific cybersecurity report
2020
Issued by the International
Telecommunication Union

22/37

National cybersecurity index report 2021 issued by the Estonian e-Governance academy

123/160



- .01 CURRENT SITUATION
- .02 POLICY AND IMPLEMENTATION







Public e-service



Public Information Infrastructure





Infrastructure



e-Economy



Cyber security



Digital Literacy



Cosmology



Capacity of human resource



PUBLIC e-SERVICE

109

109 laws were amended

Adopted on 18th December, 2023 Effective from 1st March, 2024

Principles

01

E-ARCHIVE

03

ELECTRONIC ACCOUNT OF BANK

02

E-AUTHORIZATION

04

E-CONTRACT

05

E-SIGNATURE

Changes in Law on Health

Section 8.4

The government will develop and approve the procedures for collecting, processing, using, storing and ensuring security of health information in cooperation with the central state administrative organization in charge of health issues and the central state administrative organization in charge of electronic development and communication.

Section 8.10

Procedures for setting requirements for health care and service software, evaluating and reporting compliant software shall be approved jointly with the central state administrative organization in charge of health care and the central state administrative organization in charge of electronic development and communication.



NATIONAL SATELLITE









2023.07.04





SYSTEM's

XYP мэдэгдэл хүргэх систем

28 million notification sent

2.5 billion data transfered

E-MONGOLIA

ERP CHCTEM

OPENDATA.GOV.MN

DOCX.GOV.MN

1.78M users, 45M service

45,913 users

1093 types of open data

57 thousand documents sent

1,315 research published

639,387 thousand references



e business 1.0

118,499 access

PUBLIC e-SERVICE eMongolia



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WCAG

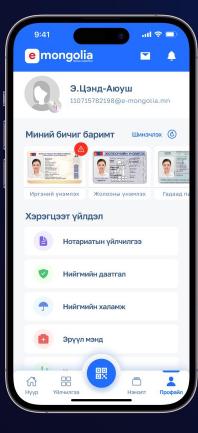


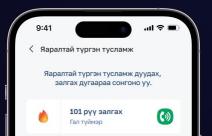




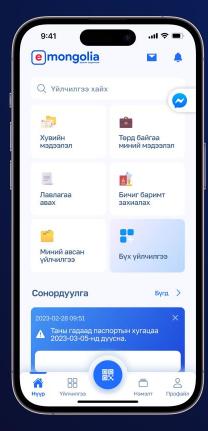
















e kids
CHILD
PROTECTION
PLATFORM

PUBLIC e-SERVICE To child



National digital literacy framework



Hardware & Software

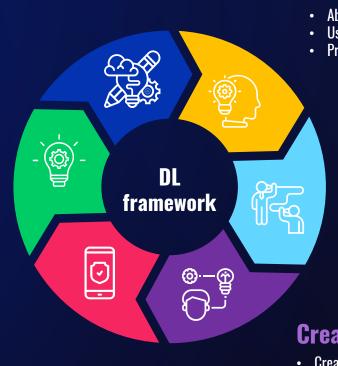
- Use of ICT devices
- Use of software

Problem solving

- Solving information and communication technology issues
- Approach the problem critically
- Receive services electronically

Cyber security

- Information and cyber security
- Privacy
- Healthy usage of ICT
- Protect environment



Data

- Ability to find data, information
- Use of data
- Processing of data

Cooperation

- Communicate through ICT
- Cooperate through ICT
- Ethics in digital environment

Creativity

- Creating digital content
- Intellectual property
- Process engineering



TRAINING AND EMPOWERMENT OF HUMAN RESOURCES

1000 Google Certified Engineer

1000 he Future Huawei engir

Seed for the Future Huawei engineer training program



1500

Public-private partnership, "Smart Government II" project



1000 Training IT engineer to Japan

1500"Smart Government II" project



PUBLIC e-SERVICE KHURDAN

The capital city

Border port

0 In foreign country

82 Province \odot \odot · In Mongolia



Digital province policy

✓ SAFE











control camera

& Smart detector (alarm)

Smart lighting

Motion control

Smart apartments

Water management

Energy management

Green plant

OPEN DATA SYSTEM



WWW.SHILEN.GOV.MN

AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION AN

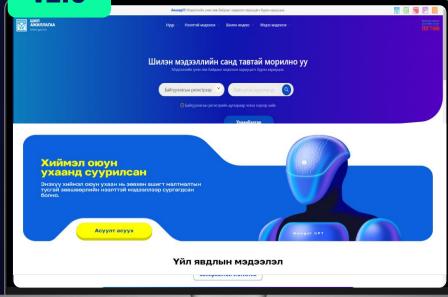
2023.03.27

970,355 data 12,915,075 access TOTAL AMOUNT REIMBURSEMENT FROM SPECIAL GOVERNMENT FUNDS

91.6 тэрбум төгрөг

2024.03.25

v2.0









DIGITAL HEALTH

Prime minister's decree

Minister of MDDC's decree

RESEARCH TEAM

SYSTEM DEVELOPMENT TEAM

REGULATION TEAM

HOSPITAL SYSTEM DEVELOPER 7 COMPANY /STAFF 37/

Around 100 staff from both private and public sector.

DIGITAL TRANSFORMATION IN THE HEALTH SECTOR



Prescription





Diagnostic conclusion



Laboratory test result



Children's immunization certificate



Outpatient card



Pregnancy control card



Maternal and child health records



EXPECTED ACTUAL RESULTS



Citizen /Patient/



Doctor's and spacialist



Hospital & Institutions



Government

