

What is eSIM? Understanding Benefits and Functions

What is eSIM? ESIM is the latest innovation sim card. eSIM is actually an abbreviation for "Embedded SIM Card". If sim cards generally have a physical form, they are different from eSIM. eSIM is a virtual sim card that is directly connected to your smartphone. The way to activate it is simply through the barcode. So what are the advantages of this eSIM compared to a regular SIM card?

What is eSIM? Following are the advantages and benefits

1. Water resistant

Because it does not have a physical form, eSIM is of course water resistant. There is no potential damage that can occur to the eSIM. This is different from regular sim cards which can be damaged by exposure to water, broken or burned.

So, if your smartphone accidentally gets exposed to water, the SIM card will remain safe. By using eSIM, smartphone manufacturers no longer need to provide conventional SIM card slots. That way, the potential for damage will be increasingly reduced.

2. Safer

ESIM is much safer in terms of data protection. Through the encryption used, user data security can be properly protected. This encryption will protect your privacy so that it is not easily leaked to just anyone.

So, if you ask what an eSIM card is and what its benefits are, then one of them is regarding its security protection. eSIM cards are much safer in terms of preventing leakage of customer data because they have an encryption feature.

3. More economical

In terms of expenses, eSIM cards are also much more cost effective. You don't need to buy a conventional regular card which has a limited period of time. If the eSIM validity period expires, it can be extended via activation on the smartphone.

Even if you want to change from a regular SIM to an eSIM, you just need to exchange it. So, you can exchange a conventional SIM directly to an eSIM without adding costs. Then activate it so it can be used.

4. Practical

From a practical level, eSIM is also superior in terms of practicality. Because it is automatically connected to a smartphone, there is no need to buy a conventional regular SIM.

The eSIM card service also provides internet services. So, there is no need to separate the SIM card for internet needs and the SIM card for telephone services. With just one sim card, you can enjoy many services.

5. Data is stored in the cloud

Data for eSIM activation will be stored in the cloud. With data storage in the cloud, you don't need to worry about data being lost or leaked. Storage in the cloud is much more practical and safe.

You can access the stored data at any time as long as you have an internet connection. This convenience will only be obtained if you use eSIM. So, you can understand what eSIM is easily by looking at its functions and benefits.

6. Fast purchasing process

The process of purchasing and activating an eSIM is also relatively fast. You don't need to come to a shop or credit counter to buy a card number. Simply by purchasing via the internet, eSIM can be accessed easily.

You will only get this convenience via eSIM. This easy purchasing system will save more time and energy.

7. Durable

eSIM is much more durable than conventional or regular SIM cards. This happens because there is no potential for physical damage to be caused. That way, its service life can also last longer.

Now you know what eSIM is and how it functions and benefits. No need to be confused anymore about differentiating between eSIM and conventional simcard.