

## TIMSI

- The **TIMSI** stands for **Temporary International Mobile Subscriber Identity**, which is a **pseudo-random** number generated from the IMSI number.
- The **TIMSI** is utilized in order to remove the need to transmit the IMSI over-the-air. This helps to keep the IMSI more secure.
- To track a GSM user via **IMSI or TIMSI**, an **eavesdropper** must **intercept** the GSM network communication where the **TIMSI** is initially negotiated.
- In addition, because the **TIMSI** is **periodically renegotiated**, the eavesdropper must intercept each additional **TIMSI** re-negotiation session.