

## ABSTRACT

*Element core network* GSM which has intelligence and ability to decide “*what-to-do*” in every activity of telecommunication services real time called Intelligent Network. Every telecommunication services demand in modern telecommunication system can be decided whether those services can be set up, diverted or follow any procedures that suitable for intelligent logic have been implement in controlled-Intelligent Network.

Telecommunication service such as, pre-paid needs Intelligent Network (IN) as the controller. IN induced a new function concept in this domain which called “Charging and Care”.

Information and parameter have been recorded by IN very specific, such as kind of services, time of services, the duration of calls, the amount of charge before and after transaction, the date of grace period, the amount of bonus which subscriber obtained. It makes the writer to design an application of subscriber’s behaviour observation which uses all parameters as input.

Application of subscriber’s behaviour observation has a function as Business support system that will help related department telecommunication operator to determine tariff scheme, bonus scheme and appropriate promotion and accepted by market.

**Keywords: Intelligent Network, Charging and Care, Subscriber**