

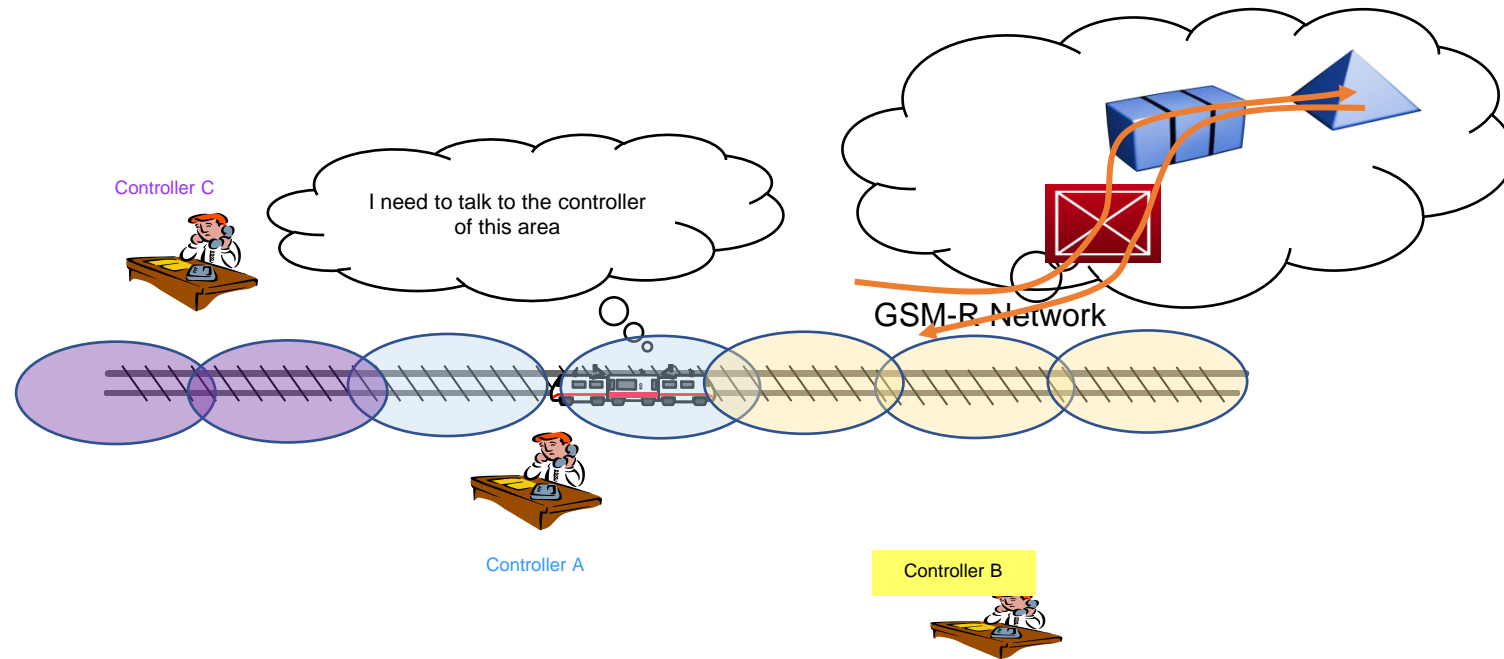
Location Dependent Addressing (LDA)

Location Dependent Addressing (LDA) is specified for GSM-R.

It is used to route calls based on the dialed short code (which are special kind of functional numbers) and the location of the call origination to a destination. On the next slide is a figure that illustrates the functionality. In GSM-R the location is often defined by the cell of origination, but GPS or external location sources are used as well.

If the train is in an area of a certain color and the driver makes a call to the short code (which is a special functional number), the network will determine the controller with the matching color and the call will be connected to that controller.

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Calling by Location