

# Design

This page explains rules that apply to all protobufs, and a bit on how we use them.

## PBEnvelope

All protobufs are wrapped in the `PBEnvelope` message, which contains metadata we need in all protobufs.

## Lost packets & throttling

In every line of communications, the packets must be sent periodically. The frequency of sent packets is indicated in their `PBEnvelope`. If the receiver does not get a packet within given timeout, it means the packet was lost. In most cases this means that the brakes should be engaged for safety.

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