The PHI4 MIC MODULE CONCEPT is a passenger airbag module concept that has been developed with a focus on global markets and their collective requirements. This module concept lends itself to have the ability to combine ‘best in class’ restraint performance with small passenger airbag module dimensions and attractive module weight.

The module design is based on the PHI4 Inflator technology – a hybrid, single or dual stage inflator. The inflator output is adaptable in regard to the restraint system requirements. Individual stages and an adjustable gas mass onset coupled with the compact hybrid inflator dimensions are typical characteristics and advantages of this airbag module type.

The PHI4 MIC MODULE CONCEPT is equipped with an uncoated square shape bag that is folded and packed in a particular way. The bag package is composed of several folding sections and located next to the inflator. Thus a sequential and gentle deployment of the bag can be realized. Low risk deployment requirements of global markets can be achieved.

All functional components of this advanced module concept are packaged in a low weight plastic housing. The design of this housing has been proven to reduce module weight and provide a robust reaction surface for deployments.