Have any one heard about industry 4.0 or Intelligent Manufacturing? In fact, right now, the manufacture industry is facing a new revolution. With the help of high technology, we can make many products in incredible speed and high quality. To do so, the autonomous mobile robot or AMR plays a crucial role in this revolution. Further more, many applications of AMR have been found in other field such as medical services and military. There are some reports also indicate that the progress rate of AMR market was predicted to clime to 25% form now to 2029. So, why are they becoming so important? There are several reasons. The most essential thing is that AMR save the labor cost and increase the production rate dramatically. This helps us a lot, especially in manufacture industry.