The authors address the problem of manufacturing company’s readiness for going digital. They propose a “tool” to assess this readiness. Based on the Capability Maturity Model Integration (CMMI) framework the authors propose a model for investigating company digital maturity. The model defines 5 areas to group key processes to be assessed: design and engineering, production-, quality-, maintenance- and logistic management. A scoring method is defined to identify the critical areas in the implementation of digital operation. (Part of Ref.: ISO 11354-1)