The second part of the book focuses on the presentation of digital simulation and digital twins’ functionalities. These include information about the models that underpin digital twins, as well as the simulators that enable experimentation with these processes over these digital models. The third part of the book provides information about complementary assets and supporting services that boost the adoption of digital automation functionalities in the Industry 4.0 era. Training services, migration services and ecosystem building services are discussed based on the results of the three projects of the Digital Shopfloor Alliance.

The target audience of the book includes:

- Researchers in the areas of Digital Manufacturing and more specifically in the areas of digital automation and simulation, who wish to be updated about latest Industry 4.0 developments in these areas.
- Manufacturers, with an interest in the next generation of digital automation solutions based on Cyber-Physical systems.