

ABSTRACT

A communication control system is provided that satisfies the needs of industrial applications in terms of real time properties, scalability and flexibility. For this purpose,
5 the invention causes a communication station performing communications in accordance with a standard protocol to perform multiplex communications based on time division of a communication band. Communication is performed by dividing a communication cycle into time slots, and assigning a set of
10 communication stations and a type of a communication section to each of the time slots.