



TECHNICAL REPORT

**Industrial-process measurement, control and automation – Smart
manufacturing –
Part 1: Terms and definitions**

INTERNATIONAL
ELECTROTECHNICAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INDUSTRIAL-PROCESS MEASUREMENT,
CONTROL AND AUTOMATION –
SMART MANUFACTURING –**
Part 1: Terms and definitions**FOREWORD**

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A list of all parts in the IEC 63283 series, published under the general title *Industrial-process measurement, control and automation – Smart manufacturing*, can be found on the IEC website.

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- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

This document presents a vocabulary for terms that can become relevant within the scope of Smart Manufacturing. It is not intended to be a vocabulary for Smart Manufacturing, but it includes more than the terms from the other parts of this series.

INDUSTRIAL-PROCESS MEASUREMENT, CONTROL AND AUTOMATION – SMART MANUFACTURING –

Part 1: Terms and definitions

1 Scope

The scope of this document is to compile a comprehensive collection of base terminology with compatible terms that can become relevant within the scope of Smart Manufacturing. Most of these terms refer to existing definitions in the domain of industrial-process measurement, control and automation and its various subdomains. When multiple similar definitions exist for the exact same term in different standards, this document contains only the preferred definition in the context of Smart Manufacturing. Whenever the existing definitions are not compatible with other terms in this document or when the definition does not fit into the broader scope of Smart Manufacturing, new or modified definitions are given.

2 Normative references

There are no normative references in this document.