



Date Time Format

Version 1.0.1

Copyright 2019 NICE Alliance Promoters and other contributors to this document. All rights reserved. Third-party trademarks and names are the property of their respective owners.

Recipients of this document may copy, distribute, publish, or display this document so long as this copyright notice, license and disclaimer are retained with all copies of the document. No license is granted to modify this document.

THIS DOCUMENT IS PROVIDED "AS IS" AND WITHOUT WARRANTY OF ANY KIND. THE NICE ALLIANCE PROMOTERS AND ANY CONTRIBUTORS MAKE OR HAVE MADE NO REPRESENTATIONS OR WARRANTIES WHATSOEVER EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, REGARDING THE CONTENTS OF THIS DOCUMENTS AND/OR USE THEREOF, INCLUDING WITHOUT LIMITATION, ANY REPRESENTATION OR WARRANTY OF ACCURACY, RELIABILITY, MERCHANTABILITY, GOOD TITLE, NON-INFRINGEMENT, OR FITNESS FOR ANY PARTICULAR PURPOSE.

IN NO EVENT SHALL THE NICE ALLIANCE PROMOTERS, ANY CONTRIBUTORS OR THEIR AFFILIATES, INCLUDING THEIR RESPECTIVE EMPLOYEES, DIRECTORS, OFFICERS OR AGENTS, BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, ARISING OUT OF OR RELATING TO ANY USE OR DISTRIBUTION OF OR INABILITY TO USE THIS DOCUMENT (INCLUDING FUTURE UPDATES TO THIS DOCUMENTS), WHETHER OR NOT (1) SUCH DAMAGES ARE BASED UPON TORT, NEGLIGENCE, FRAUD, WARRANTY, CONTRACT OR ANY OTHER LEGAL THEORY, (2) THE NICE ALLIANCE PROMOTERS, CONTRIBUTORS OR THEIR AFFILIATES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES; OR (3) SUCH DAMAGES WERE REASONABLY FORESEEABLE.

THIS DOCUMENT IS SUBJECT TO CHANGE AND UPDATED VERSIONS MAY BE DEVELOPED BY THE NICE ALLIANCE PROMOTERS.

Scenera, Inc., Nikon Corporation, Sony Semiconductor Solutions Corporation, Wistron Corporation and Hon Hai Precision Industry Co., Ltd.(NICE Alliance Promoters) contributed to this document.

Revision History

Version	Date	Comments
0.9rc1	13 Nov 2018	First draft
0.9rc2	25 Feb 2019	Second draft
0.9	25 Mar 2019	Final draft
1.0	22 May 2019	Final release
1.0.1	20 Dec 2019	No change from version 1.0

Contributors

Name	Company
Andrew Wajs	Scenera
Aviram Cohen	Scenera
Munehiro Shimomura	Sony
Hironori Miyoshi	Sony
Wendy Tin	Wistron

Table of Contents

1. Scope	5
2. Overview	5
3. Date Time Format	5

1. Scope

This document provides the date time format definition utilized commonly in the NICE System.

2. Overview

Date Time format of the NICE System is compliant with ISO 8601 extended format and UTC timezone.

Date and time exchanged between Entities must be in accordance with this format.

Entities in NICE System which generates timestamp needs to have less than 1 millisecond accuracy of time at least.

3. Date Time Format

YYYY-MM-DDThh:mm:ss.sssZ

Field	Description	Allowed value
YYYY	4-digit year	1583 through 9999
MM	2-digit zero-padded month	01 through 12
DD	2-digit zero-padded day	01 through 31
hh	2-digit zero-padded hour	00 through 23
mm	2-digit zero-padded minute	00 through 59
ss	2-digit zero-padded second	00 through 59 60 only for leap second
sss	3-digit zero-padded millisecond	000 through 999
Z	UTC timezone	Z