

# NSI Bar Code Technology 1.1 Conformance Statement

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*Note to submitter: This form contains a series of questions that need to be answered. Please complete **ALL** the fields in the questionnaire below to produce a conformance statement for your Bar Code Technology. Your completed form should be submitted to the Certification and Verification Authority when you register for certification. Please ensure that you use the current version of the questionnaire (available on the certification/verification web site) for your submission. See the Guide to the NSI Certification and Verification Program and Guide Supplements for more information. Please note that all information in this conformance statement will appear on the public Register of certified technologies. Revision History showing the changes in this Conformance Statement from prior versions is contained at the end of this document.*

## 1. Submitter Information

*Enter the name of the author of this Conformance Statement.*

**Organization:**

**Author:**

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## 2. Technology

### 2.1 Type of Technology

- Ticket Bar Code Design
- Bar Code Reader
- Terminal Software
- Bar Code Terminal
- Server-Side Software Application
- Integrated Gaming System

### 2.2 Identifier

#### 2.2.1 Ticket Bar Code Design

*For a Ticket Bar Code Design only, please enter a unique description of the ticket bar code design to be certified. This must be sufficient to differentiate the certified ticket bar code design from any other certified or non-certified ticket bar code design. The information provided in this section must clearly identify the ticket bar code design to which certification and the conformance claim will apply, and thus what will appear in the Register.*

**Ticket bar code design description:**

#### 2.2.2 Other Technology Types

*For all technology types other than a Ticket Bar Code Design, please provide an identifier for the technology.*

*If the technology has a product or public name, please specify that, along with the release and/or version number. Otherwise, please provide a name for identifying this particular technology. This identifier should be unique at a given release level to the combination of components defined in Section 2.3 below or should be generic to the specific combination of components and include an overall release number for the release subject to certification (e.g., Our Bar Code Reader, version 1.1).*

**Identifier:**

## **2.3 Scope of Technology**

*For all technology types other than a Ticket Bar Code Design, please define the constituent components of the technology. This definition must include all components that implement any part of the Technical Standard, or that are in some way impacted by the Technical Standard. This definition should include the release and/or version number for each component.*

*It is necessary to define the composition of a technology in terms of constituent components so the certifying Organization knows its obligations each time it modifies a technology for a specific market need or changes its underlying design.*

*These components could consist of one or more from the following non-exhaustive list:*

- *Hardware*
- *Drivers (software or hardware or both)*
- *Application software*
- *Interfaces (hardware or software)*
- *Protocol engines*
- *Data processing algorithms*
- *Firmware*
- *Software libraries*
- *Software objects*
- *System software*
- *Compilers*
- *Data translators*
- *Other*

*The technology is comprised of the components stated below. The Organization must list every component that is impacted by the Technical Standard.*

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## **3. Bar Code Implementation**

### **Question 1: What type of bar code has been implemented?**

*Please select all the types of bar code to which the certification will apply.*

Response:

- Universal Product Code (U.P.C.) Bar Code
- Lottery-Specific Bar Code
- Integrated U.P.C. and Lottery-Specific Bar Code

Rationale:

The Technical Standard allows and defines requirements for three types of instant ticket bar codes: Universal Product Code (U.P.C.), Lottery-Specific Bar Code, Integrated U.P.C. and Lottery-Specific Bar Code.

Reference:

Bar Codes for Instant Tickets in the Lottery Industry, Version 2 (Document Number TS0601) - Section 2, Instant Ticket Bar Codes

**Question 2: What is the value of the Format ID field?**

*If you have not selected Lottery-Specific Bar Code or Integrated U.P.C. and Lottery-Specific Bar Code above, then please skip to Section 4, Validation Environment.*

*If you are implementing the Lottery-Specific Bar Code or Integrated U.P.C. and Lottery-Specific Bar Code with all mandatory and optional fields defined according to the specified length requirements, you may leave the Format ID set to its default value of "0001". For additional or alternate formats, please check the boxes below that correspond to the appropriate Format IDs listed in Section 2.2.4.3 of the Technical Standard.*

Response:

Default - All mandatory and optional fields

0001

No Price Point field

0002

No Jurisdiction field

0003

No Price Point or Jurisdiction fields

0004

Other Formats

0005  0006  0007  0008  0009  0010  0011  0012  0013

0014  0015  0016  0017  0018  0019  0020  0021  0022

0023  0024  0025  0026  0027  0028  0029  0030  0031

0032  0033  0034  0035  0036  0037  0038  0039  0040

0041  0042  0043  0044  0045  0046  0047  0048  0049

- 0050  0051  0052  0053  0054  0055  0056  0057  0058  
 0059  0060  0061  0062  0063  0064  0065  0066  0067

**Rationale:**

The Format ID field is reserved for indicating which variant of the standard a lottery is following. This means that applications could (if they were programmed correctly) make use of this field to interpret which variant is in use on a ticket.

**Reference:**

Bar Codes for Instant Tickets in the Lottery Industry, Version 2 (Document Number TS0601) - Section 2.2.4.3, Standardization Requirements for the Format ID Field

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## 4. Validation Environment

*Specify the name and version of the Validation Harness.*

**Validation Harness Name:**

**Validation Harness Version Number:**

*Specify the hardware platform and software environment in which this technology's conformance has been demonstrated. Define this test environment in sufficient detail to enable the test run to be repeated. For the hardware platform, this should include the unique name and identity of the hardware used and its release or version number. For the software architecture, this should include the name, version number, and release identifier of all the software components, including the applicable operating system.*

**Hardware Platform (on which technology was validated):**

**Software Architecture (on which technology was validated):**

*For a Ticket Bar Code Design, please also provide information on how the bar code was printed, including what was used to produce the bar code and the type of material on which the bar code was printed.*

**Description of Ticket on which Ticket Bar Code Design is Printed for Validation:**

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## 5. Operational Environment

*If the environment for which you wish to claim and guarantee conformance is not identical to the environment in which conformance was validated, specify the hardware platform(s) and/or software environment in which this technology's conformance is guaranteed.*

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