The Implementation Pilot for Adoption Strategies for 2D Barcodes is funded by the Centers for Disease Control and Prevention (CDC) and managed under contract by Deloitte Consulting, LLP (Deloitte). A two-year contract to design and implement the barcoding pilot was awarded to Deloitte in September 2013.
Why Are We Here?

Thank you for participating in this pilot. You are a select group of practices that can make a big difference. As the first to adopt this technology, you play a vital role in improving immunization records accuracy and completeness, thereby increasing patient safety. We are here to assist you with the use and adoption of this new technology.

Expected Benefits

- Improve your practice
- Increase Immunization Record Accuracy
- Improve IIS accuracy
- Improve Vaccine Inventory Reconciliation
- Improve Patient Safety
- Reduce vaccine documentation time

Contact us: support@2dvaccineadoptionpilot.com; 1(800) 380-5147
Why 2D Barcoding?
# Table of Contents

**Overview:**
- Barcoding 101

**Quick Start**
- Scanner Setup, Guidelines and Configuration
- Your practice workflow

**Technical Support:**
- Contact information

**Future Potential**
Vaccine Barcode Symbology

Encoded Data
- NDC

2D Data Matrix
- NDC
- Expiry Date
- Lot Number

Maximum Alphanumeric Character Capacity
48
2,335
2D Barcode Immunization-Based Applications
Table of Contents

Overview:
• Barcoding 101

Quick Start
• Scanner Setup, Guidelines and Configuration
• Your practice workflow

Technical Support
• Contact information

Future Potential
Quick Start: Scanner Setup

We have provided you with 2-Dimensional area imaging scanners. These scanners are expected to be used for recording immunization information into your electronic medical record (EMR) and/or your state or city immunization information system (IIS). We will be configuring these scanners to scan and drop data into your EMR and/or IIS system (Lot#, Expiration Date).

What is in each box?

- Motorola DS4208 HC Scanner, Quantity: 1
- USB Connection Kit, Quantity: 1
- Intellistand, Quantity: 1

What we are doing today?

1. Unpack scanner boxes
2. Attach scanners to your computers (by USB)
3. Load your custom configurations
4. Test scanners to work with your EMR/IIS systems

Your scanners will now be ready for use
Quick Start: General Scanning Guidelines

As with any equipment, there are some general guidelines to follow so that you can maximize the efficiency of scanning and improve your user experience.

Mounting the scanner on a stand (hands free operation)

- Hold the vial between your index finger and thumb wrapping these fingers around the top rounded edge of the vial. Make sure the vial is a right angle to the scanner lens
- Place the vial under the scanner while maintaining a distance of 4” to 5” away from the scanner lens, so that the red circle (from the beam) falls directly onto the barcode (in this mode, you **DO NOT** need to pull the scanner trigger)
- Make sure the barcode on the vial directly faces the scanner lens
- On successful scan, you will hear one beep, on an unsuccessful scan, you will hear no beep

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Quick Start: General Scanning Guidelines

Holding the scanner by hand

- Always hold the vial between your thumb and index finger as shown to the right. The top of the vial should be under your index finger and the thumb under the bottom of the vial.

- Hold the vial at a distance of 4” to 5” away from the scanner lens. This is optimal distance for scanning.

- Make sure the barcode on the vial directly faces the scanner lens, then pull the trigger on the scanner.

- On successful scan, you will hear one beep, on an unsuccessful scan, you will hear no beep.

Maintaining your scanner

- Occasionally and with use, the scanner lens may get dirty. Use a standard clinical alcohol swab to clean the lens.

- Always place the scanner in a safe and convenient place.

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Example: IIS Entry

You can use the scanners to record immunization in your IIS.

Scan

* Some systems may not allow scanning on drop downs. In such cases, manual action will be required to pick a value.

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Example: EMR Entry

You can use the scanners to record immunization in your EMR.
# Table of Contents

Overview:
- Barcoding 101

Quick Start
- Scanner Setup, Guidelines and Configuration
- Your practice workflow

## Technical Support
- Contact information

Future Potential
IMPORTANT: When you cannot scan a 2D barcoded vaccine...

- You may key in the Lot# and Expiration date using the keyboard, to maintain your practice’s operations.

- At the earliest opportunity call our support or email us:
  
  **Phone: (800) 380-5147  Email: support@2dvaccineadoptionpilot.com**
  
  April 2014 – January 2015; 10AM – 6PM EST

- We will make all attempts to resolve your problems as soon as possible so that you can resume scanning.
Table of Contents

Overview:
• Barcoding 101

Quick Start
• Scanner Setup, Guidelines and Configuration
• Your practice workflow

Technical Support
• Contact information

Future Potential
Future Potential

The purpose of this pilot is to assess the impact of 2D barcoded vaccines in capturing immunization information. If the study reveals positive indicators on operational impact and user adoption of this technology, there is tremendous potential to further extend immunization data recording. Realizing this potential may necessitate changes to your EMR and/or IIS systems.

Potential Future Enhancements (may requires changes to your EMR and/or IIS)

- Ability to scan dynamic product identifiers (e.g. NDC, Lot#) and auto-populate all other static information, like Manufacturer, Vaccine Name etc.

- Ability to record inventory by means of scanning primary or secondary product packaging; by 2017 2D barcodes on packaging will be required

- Ability to record product identifiers (e.g. Lot Number Expiration Date, NDC) at the time of patient encounter

- Ability to store Global Trade Item Number (GTIN) and translate to a National Drug Code (NDC) or vice versa

- Reduce time and increase efficiency and accuracy of recording patient encounter data
Thank You

(Happy Scanning!)