

## DIGITAL DATA COLLECTION



### **Adesso DigitalFormz:**

- **Collects data with and without Internet connectivity**
- **Converts paper-based forms into easy-to-use digital solutions**
- **Saves up to 50% on labor costs**
- **Provides data to decision makers in near real time**



We've developed a cost-effective solution for automating and improving data collection with or without Internet connectivity. Whether your staff consists of one person or dozens of personnel collecting data in multiple remote locations, we can provide a solution that will benefit you.

We do not sell the same solution to everyone. Instead, we design an application with our software after working with you to determine your specific needs and requirements.

#### **Improved Quality**

- Automated validation of data can be added to any form, thereby reducing data entry errors.
- No transcription errors common to paper-based forms.

#### **Cost Savings**

- Reduces labor costs to conduct fieldwork.
- Increases efficiency of field personnel.
- Eliminates multiple data entry steps.

#### **Improved Data Sharing With Clients And Other Software**

- If desired, you can provide your clients with near real-time access to your data.
- You can control what your clients can see or do with the data.
- Since all data is already in electronic format, it can readily be shared with other databases, spreadsheet software, or other software without having to re-enter.
- You can also utilize the data in public or private web sites. For example, you can pass GPS coordinates to Google Maps, which will then plot your points of interest on the familiar Google Maps interface.

### **Applications**

- Health Inspections
- Power Plant Inspections
- Septic & Aeration Inspections
- Fire Hydrant Inspections
- Groundwater and Well Monitoring
- Environmental Data Collection
- Digital Chain-of-Custody Form
- Medical Device Service
- Digital UST Management System
- Delivery Tracking System
- Inventory Control System
- Biological Surveys

## SPECIFICATIONS

### Adesso Client

The Adesso Client for Windows runs on any desktop computer, tablet PC, laptop, UMPC, or mobile PC that meets the following requirements:

### Desktop/Tablet/Laptop/UMPC

#### System Requirements:

Windows 2000, XP, or Vista  
1.2G Processor  
256MB of RAM  
40MB available HD space  
*Adesso applications require 5MB of HD space*

### Mobile PC

#### System Requirements:

Windows Pocket PC 2003, Mobile 5 or 6  
400mHz or better processor  
128MB of RAM  
40MB Available HD space  
*Adesso applications require 5MB of HD space*

### Synchronization

Adesso requires Internet connectivity for synchronization with the Adesso Server and supports:

- *Wi-Fi Connection*
- *Cellular Data Network*
- *Active Sync*

### Reporting Tools

Data can be reported from Adesso using the following.

- *Microsoft Access - via Adesso ODBC driver*
- *GUI Interface*
- *Web Reports - via WS-\* (Web Services)*
- *Crystal Reports Forms*
- *Blackberry Application*

### Adesso Server

Microsoft SQL Server 2003, 2005, 2008  
Windows Server 2005, 2008  
Microsoft Internet Information Services (IIS)

## FREQUENTLY ASKED QUESTIONS

### 1. How Do I Build It?

*We can build a working mobile PC, tablet PC, or laptop-based database solution for you. Or, if you prefer, we can help you build your own database. We can rapidly prototype a database for you, build the basics, teach you how to complete it, and even extend its capabilities.*

### 2. How Do I Control Who Has Access To It?

*Through the database sync server's web interface, you can control who sees what; who has the right to edit the database schema; who can view, add, modify, export, and/or delete records; and who has access to what tables and views. Furthermore, you can control the sync direction (bi-directional, server to client only, client to server only, etc.) on a per table basis; you can add rules-based scripts to control what data syncs in which direction; and you can also control how conflicts are resolved.*

### 3. How Do I Host It?

*We can host the database for you in a secure environment, or we can help you deploy the database within your own infrastructure. If you let us host your solution, for a fee as low as \$50 per month per user, we take care of everything, including server uptime, maintenance, hardware, backups, firewall, etc. Also included in our fee is unlimited technical support via phone and e-mail during normal business hours.*

### 4. Will Adesso Work With My Existing Databases?

*Adesso is based on Microsoft SQL architecture and can write to those databases easily. It can also integrate with Oracle, Access, and other databases through the use of an Adesso ODBC driver and Web Services.*

### 5. Can I View Data On My Blackberry?

*Using Java, we have built a Blackberry application that allows you to query the database directly from your phone and get in touch with responsible parties immediately.*

### 6. What Mobile PC Add-ons Are Supported?

*Our technology supports the following add-ons:*

- *RFID Scanner/Reader*
- *1D or 2D Bar Code Scanner*
- *GPRS/GSM Phone Card*
- *Portable Printer*
- *GPS*
- *Camera*
- *Audio Recording*
- *Signature Capture*
- *Sketchpad Capture*

### 7. How Quickly Will Changes I Make Be Seen By Other Users?

*Using our robust synchronization engine, changes that you make to a database schema are propagated to users as soon as they synchronize. You can update the kind of data you collect and be collecting that data in the field in minutes.*

### 8. Do I Have To Be Connected To The Internet To Use Adesso?

***NO!*** *Adesso lets you collect data offline using the same criteria and requirements that an online database would have. Many of our clients collect data in areas with limited or no Internet connectivity.*

### 9. How Many Users Can Synchronize My Application Simultaneously?

*Adesso can support up to 10,000 users simultaneously synchronizing your application.*

### 10. How Hard Is It To Create My Application In Adesso?

*Using drop-down menus and easy-to-read forms, you can design your own data collection applications in Adesso with a minimal amount of training. Our support includes design tutorials.*

### 11. What Hardware Do I Need To Run Adesso?

*Adesso runs on laptops, desktops, tablet PCs, UMPCs, and mobile PCs. Any device that uses a Windows operating system can run Adesso.*

### 12. How Secure Is My Data?

*Adesso utilizes strong security to protect your data, including password protection, data encryption, and SSL. We also support Pointsec for hard drive encryption.*

### 13. What Kind Of Technical Support Do You Provide For Adesso?

*We provide 24/7 support via e-mail and an 800 help line number. We also utilize a trouble ticket tracking system via [www.myadesso.com](http://www.myadesso.com).*

### 14. What Kind Of Documents Can I Create From Adesso?

*Adesso can export many document types, including Word, Excel, Acrobat, and more, depending on your needs.*

### 15. Can I See Data From My Forms On The Web?

*Yes. Using Web Services, Adesso can populate web pages with your data in any format you desire, including charts, graphs, and maps.*

### 16. What Sort Of Proven Experience Does Adesso Have?

*We have successfully utilized our technology with the following clients:*

#### ***Utility Industry***

*(Quality Control Inspections)*

#### ***Local Government***

*(Septic & Aeration Inspections)*

#### ***USEPA***

*(Household Hazardous Waste Recon Database)*

#### ***U.S. Army Corps of Engineers***

*(Classification System Database)*

#### ***The U.S. Navy***

*(Low-Flow Groundwater Sampling Database)*

#### ***State Government***

*(UST Management, Livestock Management)*

#### ***Petroleum Industry***

*(UST Management)*

#### ***Medical Industry***

*(Equipment Maintenance)*

#### ***Consumer Packaged Goods***

*(CRM Applications)*