**SECURITY IS OUR TOP PRIORITY** 

Data security is at the core of everything we do at iFormBuilder. Thousands of customers around the world use iFormBuilder to securely and with confidence collect and manage their mission critical data. We consistently meet and exceed customer and industry security standards providing you with the most secure data collection platform on the market.

## **iFormBuilder Security Architecture**



## Unmatched Security Features On The Device & Cloud

# Data encryption on transfer

Data is encrypted using TLS on transfer

## Data encryption at rest

Data is encrypted on mobile device using 256-bit AES Data is encrypted on servers using 256-bit AES

### **Role-based access controls**

User access controlled by role-based policies Single-Sign On (SSO) with SAML Support

## **Robust User and Form management**

Forms, Data and Users separation based on profile and ownership

## 24x7 Monitoring and Intrusion Detection



## **End-to-End Field-Level Encryption**



In addition to layers of system-level security, the iFormBuilder platform also offers End-to-End Field-Level Encryption. Users can create a custom public-private key pair to encrypt selected fields. Encrypted fields will be encrypted on the mobile device, through transfer to the cloud and stay encrypted until the data is downloaded to the user's computer. Field-Level Encryption allows iFormBuilder to be approved for use in HIPAA-compliant projects.

- PKI encryption with RSA on customer defined fields
- Any PII (Personally Identifiable Information) can be encrypted end-to-end
- Total privacy and peace-of-mind with customer defined key pair

### Protection at the device level

- iOS devices have encrypted filesystem which secure the data at rest
- · Data is sent over TLS to a webservice
- Field-Level Encryption can be utilized on specific fields on a form

### Protection at the application level

- Forms created in iFormBuilder can be assigned to users with specific roles to collect data and/or view data
- Profiles are created to separate data collected between companies and profiles
- Data is sent over TLS to the iFormBuilder cloud media storage
- Reports are delivered via an email hosted by enterprise or personal SMTP accounts
- Single Sign on (SSO) is available for tighter user integration
- Data may be filtered to generate reports in PDF or excel formats
- Robust API's are available for sending or receiving data from user defined web services

#### Protection at the network level

- Servers reside in SAS70 compliant Rackspace® data centers
- Multiple internet backbone connections provide routing redundancy and high performance connectivity
- Intrusion Detection System (IDS) continuously monitors network traffic
- Media files are stored in cloud files containers and delivered securely over Akamai's CDN technology with 3 redundant locations

### **Protection at the facilities level**

- Data centers implement ongoing audits, 24/7/365 monitoring and surveillance, on-site security staff, mantraps and strict access controls
- Power systems feature multiple power feeds, UPS devices and backup generators ensure continuous operation

#### **Backup Policies**

- The data backups are conducted nightly and transferred to a secondary backup location
- Media backups are also conducted nightly from main cloud file containers to backup containers

