Alpha Software has created the <u>only</u> platform that allows

complete
offline-capable
enterprise-grade

mobile data-capture apps to be built in

<u>hours/days vs weeks/months</u>

We will back up this claim later is this document

To be competitive, organizations in all industries must replace paper forms and workflows with mobile apps

alpha Software

Construction & Mining

Punchlists | Building Inspection | Equipment Inspection | Mobile Construction ERP System | Project Management and Control | Real Estate | Safety Inspection

Healthcare & Pharma

Animal Care | Clinical Trials | Insurance Audits | Medical History | Patient Experience | Patient Screening | Physical Therapy | Research

Manufacturing

Compliance | Equipment Inspection | Distributor Sales | Field Sales | Inventory Management | Quality Control | Safety Inspection

Oil, Gas & Energy

Exploration | Maintenance | Incident Reporting | Plant Construction | Pumpjack Inspection | Site Inspections | Work Orders | Safety Checklists

Education

School Directory | Incident Reporting | Research Apps | Polling Apps | School Forms | Sports Analytics

Government

Emergency Response | Incident Reporting | Permits and Renewals | Public Services | Registration

Transportation

Field Service | Contract Development | Field Sales | Dispatch | Fleet Management | Maintenance
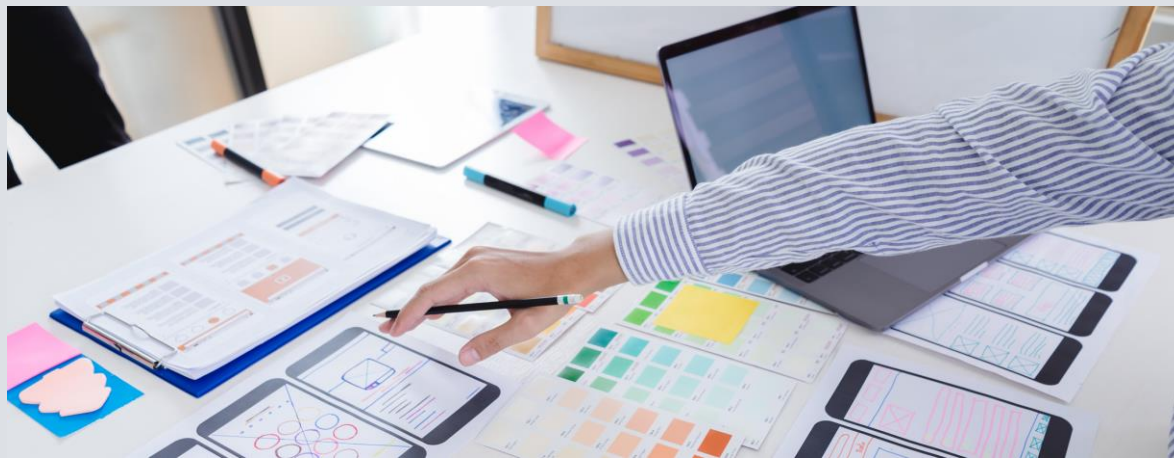
Telecommunications

Field Service/Repair | Onboarding/Training | Order Entry | Carrier Finder

But there is a <u>serious backlog</u> of mobile apps that need to be built!

Why?

1. Compared to Desktop Apps,
   Mobile apps are much <u>harder to build</u>

- Need to work well offline

  (Not only is there the need to capture data when offline but accessing databases & reference material/media assets when offline if important. Also enterprise-grade mobile apps need to be able to handle conflict resolution intelligently when data is synchronized.)

- Small screen

- Must exploit rich media & special hardware

- No keyboard and no pointing device

- Less power than desktops

2. There is a <u>critical shortage</u> of
   enterprise mobile app developers

And……

Current mobile app development options
<u>do not</u>
effectively address the problem
(see appendix for more info)

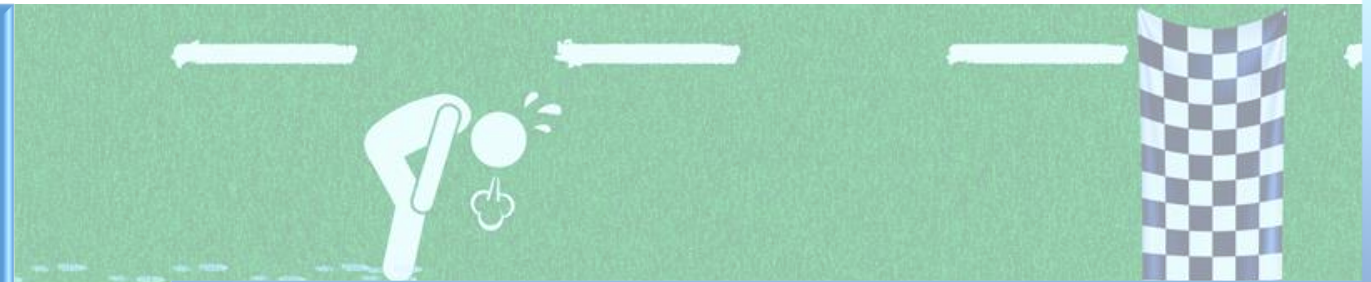THEY EITHER TAKE TOO LONG/COST TO MUCH   Or   THEY FAIL TO GET THE JOB COMPLETED

<u>Low-Code Platforms</u>
(Outsystems, Mendix, Kony etc.)

Can deliver enterprise-grade mobile apps BUT….

It can take months to build each app and require skilled developers to use

<u>Mobile Forms Platforms</u>
(Prontoforms, GoCanvans, Device Magic etc.)

Have relatively quick development times BUT….

They do not have the power and versatility

In response to this un-met need:

alpha TransForm™

Was developed using Alpha's top-rated low-code general purpose web and mobile development and deployment platform **alpha Anywhere**™ [info on Alpha Anywhere](#)

Alpha TransForm is the only platform that allows complete offline*-capable enterprise grade mobile data-capture apps to be built and deployed in **hours** vs **months**

*[Patent issued for comprehensive offline support October 2019](#)

[**3-minute overview video**](#)	[**2-minute video of a mobile app built in 20 min**](#)

More video examples at the end of this deck

Dramatically Slashes the time needed to build these applications without compromising functionality	Allows line-of-business people to build the apps themselves and leverage their domain knowledge
Development time cut from weeks/months to hours	**Lessens the demands on IT**

How does Alpha TransForm compare to other platforms for building mobile data-capture apps

TransForm vs Low Code Platforms (Outsystems, Mendix etc.)	TransForm has similar power, programmability and control as low code platforms (like Outsystems, Kony, Mendix and Alpha Anywhere, but allows mobile data capture apps to be built in hours/days vs weeks/months. Plus TransForm apps can be modified virtually instantly whereas Low Code apps would require re-coding and resubmitting to apps stores (takes many days or weeks)
TransForm vs Mobile Forms Platforms	TransForm has similar easy of use/speed of development as mobile forms platforms, but it offers the assurance and comfort that apps can be built without worrying about reaching the limits of the platform before the business requirements can be met.

What Are The Differentiators Behind The Unique Power And Productivity Of Alpha Transform


Now Consider The

7 Reasons

alphaTransForm

Outshines

The Competition

Password

Email Address

This application brought to you by:

alpha TransForm™

1

[TPL](#) - TransForm Programming language

TransForm Programming Language (TPL) (which is optimized for TransForm) allows developers to build powerful client-side calculations, validations behaviors, and web service interfaces. With TPL one can be confident that you will not run out of the power to get the job done.
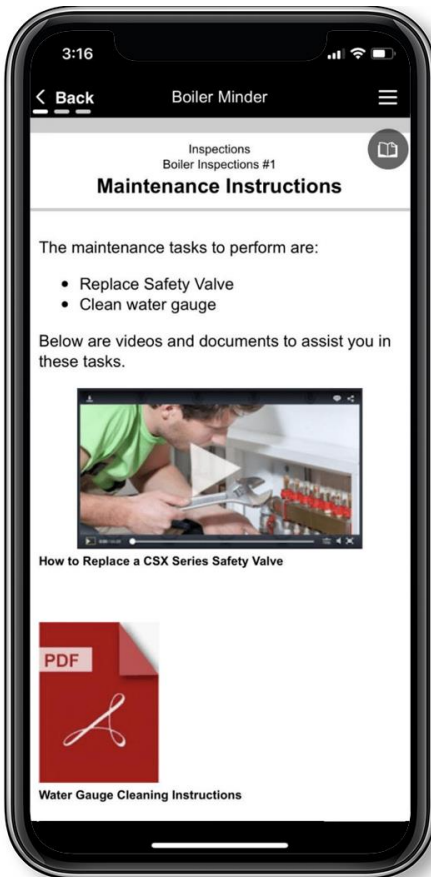
Data Input Validation

Verify Value & Range
Check Input Limits
Compare with Stored or External Values

Web API Integration

Call Web Service for Selection Info
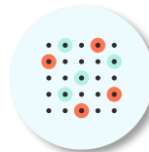Call Web Service to Validate Value
Call Web Service to Push Data

Workflow Process Enablement

Manage Form 'State'
Trigger Actions Based on 'State'
Compare & Direct 'State' Based on Form Data

Calculations

On-Device Calculated Fields
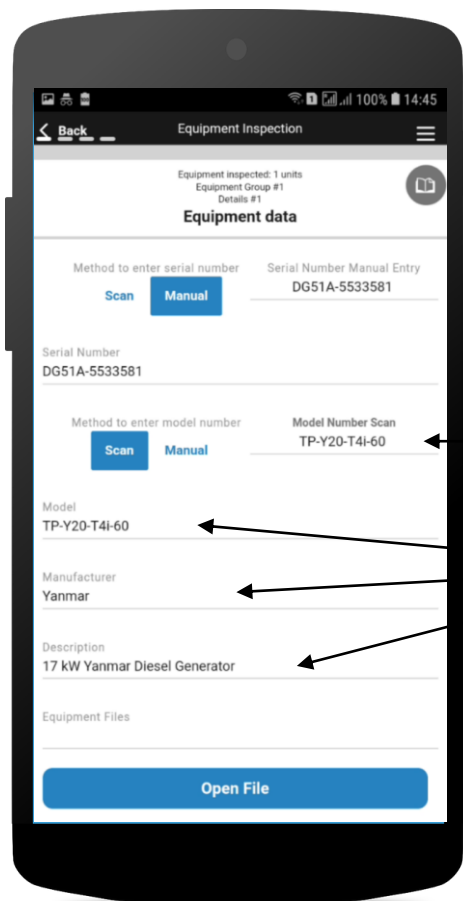Calculate Limits for Validation
Perform Complex On-Device Calculations

Advanced User Interface Behaviors

Manage Form 'State'
Trigger Actions Based on 'State'
Compare & Direct 'State' Based on Form Data

2

When Operating Offline, Data Can Be Looked Up And Documents, Diagrams And Media Can Be Retrieved From A SQLite On-device Data Base
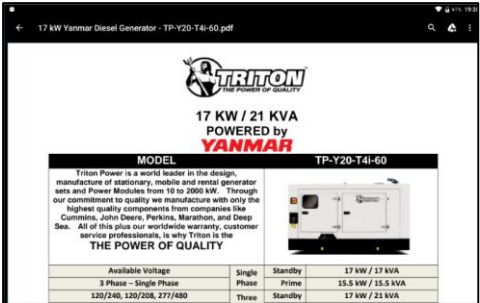

Scan barcode

Store barcode

Lookup barcode from on-device SQLite database and populate form fields with reference data

Access relevant on-device files (PDFs, videos, images etc.) via suitable native mobile device apps

No connection is necessary. The process can be completed entirely offline!

3

Responsive Layouts That Optimize For Any Device

Responsive TransForm layouts allow for multiple fields on a line and will resize appropriately for any screen. And TransForm's mobile optimized controls will accelerate your data entry processes.
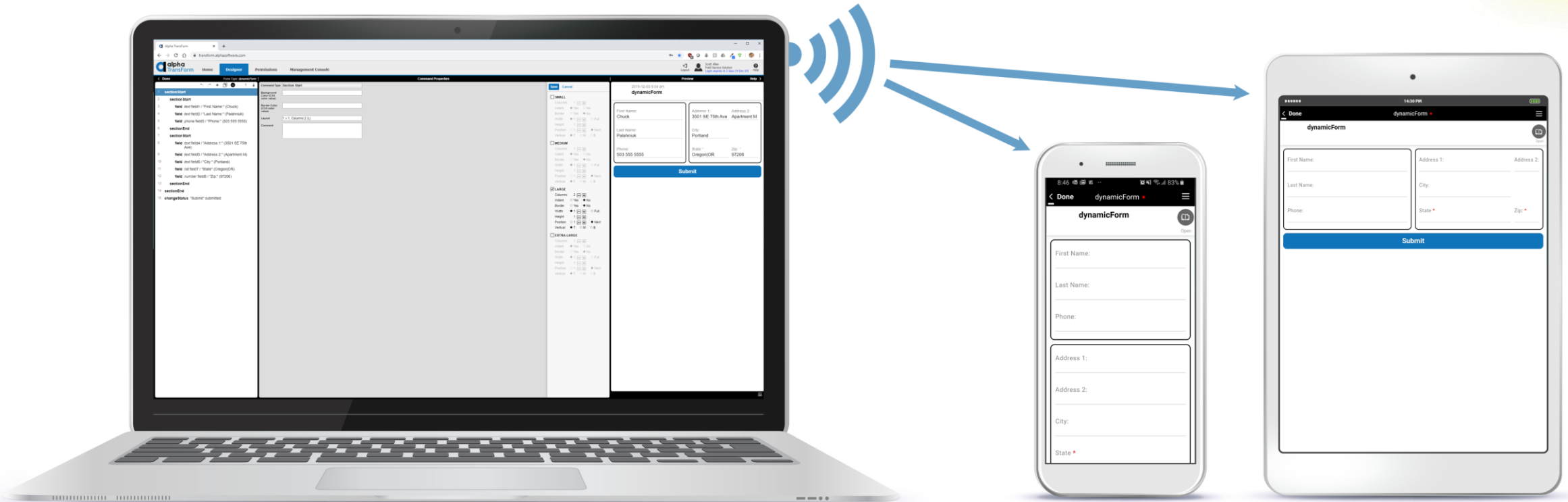
4

Seamless Integration With Existing Systems

TransForm will seamlessly integrate with your digital workflows, systems of record, and web services.

5 Works With Data Structures Of Any Complexity
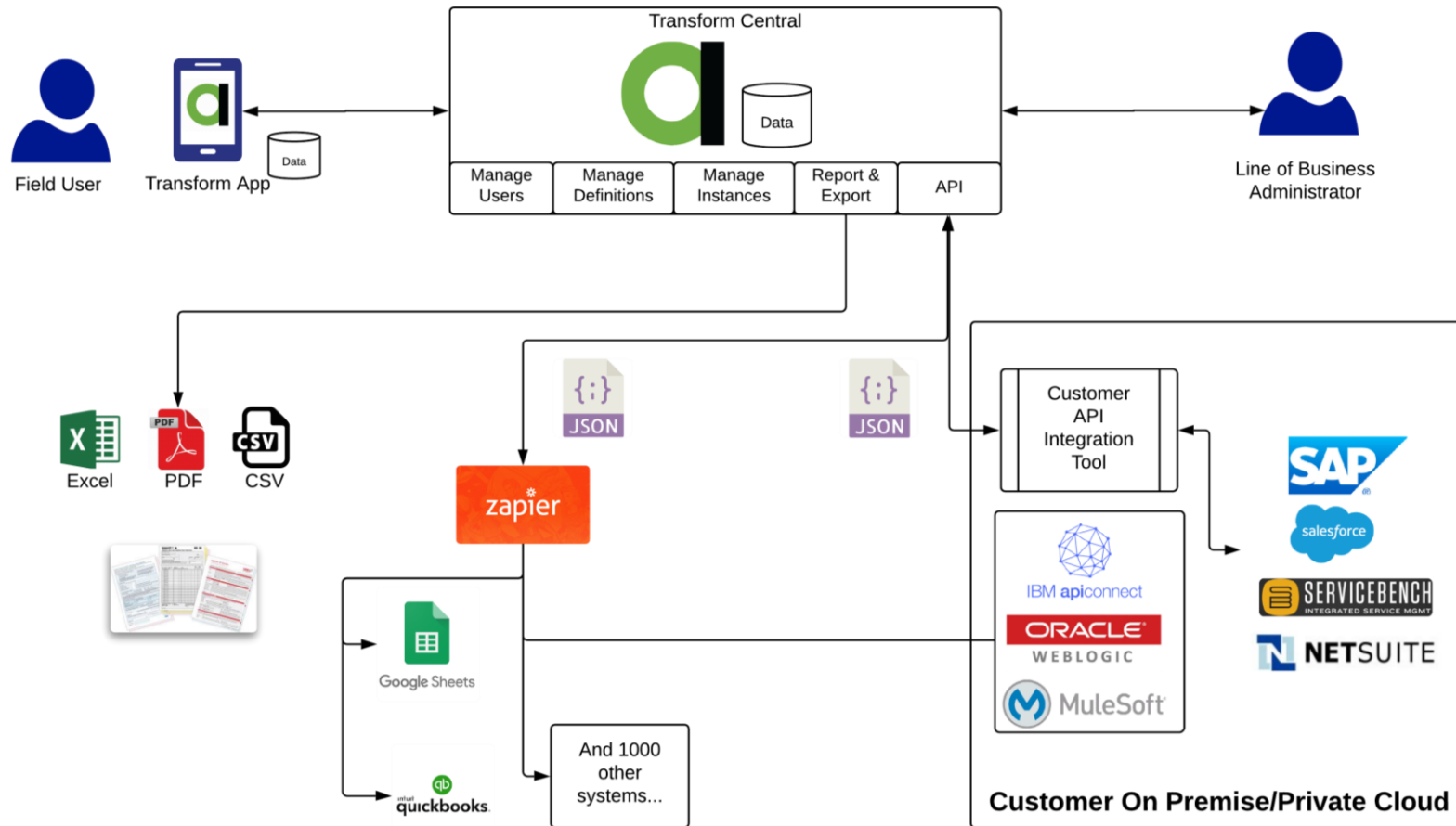
Transform Has The Ability To Work With Complex Data Structures (Parent, Child, Grandchild, Sibling, Etc.) Without The Developer Having To Worry About The Data Structure.

An example of this Benefit Is You Can Have An Arbitrary Number Of Batteries in a battery bank that need to be inspected

You want to be able to handle 1 battery or x batteries (where x is any number)

In turn you may want to take an arbitrary number of pictures for each battery and have an arbitrary number of voice recordings for each picture

6 Alpha TransForm is a Complete System

Using Alpha Transform's Companion Platform, **alpha Anywhere™** For Building Any Kind Of Web & Specialized Mobile App, Dashboards, Reports, Queries, Analytics, Workflows Etc Can Be Built Very Quickly And Easily

More Info About Alpha Anywhere

Custom Dashboards

Custom PDF Reports

Dispatching & Tracking

Data Responsive Mapping

7

Enabling Digital Workflows

TransForm backend does all the heavy lifting so that your work flows smoothly at any scale.

When The User Uploads Data From Alpha TransForm

The Following Things Can Happen

(automatic conditional actions)

Examples

Route captured form to other user for QA/approval/completion

Transfer form to team supervisor for verification and signing

Create and assign new form as a result of a submitted form

Create new hazard report form in case dangerous conditions were reported in site survey

Email custom report of captured data

Email invoice to specific customer visited, showing work performed

Trigger an API call to an external system

Send SMS alert to supervisor when inspection results are outside the norms

Store data in external database

Store field work data in company ERP system SQL database

The **Unique** Benefits Of Are Clear:
The **Speed** Of Mobile Forms Platforms With All The **Power** Of Low Code Platforms

Here are some apps built in just hours (or in some cases) even minutes using Alpha TransForm.
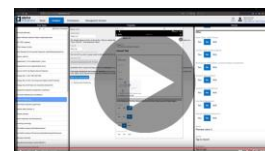
| **Patient Summary** | **safety audit** | **patient intake**
(4hrs build time) | **safety checklist**
(2hrs build time) | **Fire Inspection**
(11mins build time) | **medical research**
(2hrs build time) | **surgery**
(2hrs build time) | **Workman Comp** |
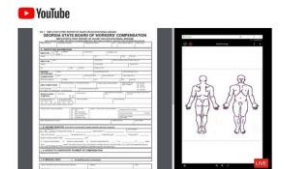
It's also easy to build other apps such as site visits, incident data collection equipment inspection, compliance audits, safety assessments, surgery checklists, punch-lists, maintenance procedures, inventory, patient intake, railyard inspection, OSHA inspection, Safety Analysis, invoicing, and more.

**Other development platforms would require weeks
or months to create similar applications.**

Growing Customer Base For Alpha Anywhere and Alpha TransForm

Appendix

Alpha Anywhere – Top rated low code platform for web and offline-capable mobile app development

alpha Anywhere™   **Product page**

Low-code rapid development, distribution and deployment platform

Designed to boost professional developer productivity 5-10 X for:

Custom enterprise web and mobile apps and for IOT apps

For commercial web & mobile SaaS Apps

Analyst Reviews	Awards	Customer Reviews
"Robust enterprise integration"	"Aces offline mobile apps."	"Amazing power"
Read More	Read More	Read More
Gartner	**InfoWorld** Technology of the Year	★★★★★

Read More   **testimonials**   **Case Studies**

Alpha Anywhere Top Rated on the leading customer review sites

G² CROWD   Gartner peerinsights   Capterra   ✔TRUSTPILOT   Clutch FIRMS THAT DELIVER

Click Here for more information and for live links

Current development methods currently available for building enterprise mobile apps all have serious drawbacks

They either

- Can offer high certainty that the business requirements can be met, <u>but take too long and cost too much to build and modify</u>

  or

- They allow apps to be built quickly & cost effectively <u>but do not offer certainty</u> that the app will meet the business requirements

Development Method	Time to build	Cost to Build	Empowers Business Unit Workers and Leverages their domain knowledge	High certainty that all requirements can be met
Native Build apps using the native coding-intensive approaches *Apps can only be built by professional developers*	**Months**	**High**	**No**	**Yes**
Low Code Build apps using low code platforms *Apps can only be built by professional developers*	**Weeks**	**Medium**	**No**	**Yes**
No-Code Only Mobile Forms and Development Platforms *Apps can be built by non tech business unit people*	**Hours**	**Low**	**Yes**	**no**

In response to this problem, Alpha Software has created Alpha TransForm, which was designed to overcome all the drawbacks of existing development methods

Alpha TransForm is the <u>only</u> mobile development & deployment platform designed to

<u>To dramatically cut the time it takes</u> for developers to build custom offline-capable "industrial strength" enterprise mobile apps that integrate with back-end databases and systems of record, from <u>weeks/months to hours/1-2 days</u>

Be <u>approachable by people in business</u> units so that they can build these kinds of apps themselves <u>without running out of power</u> before their business requirements can be met.

Alpha TransForm is then expandable into Alpha's top-rated general-purpose low-code development and deployment platform [Alpha Anywhere](#) which allows desktop web dashboards, reports, and other backend requirements to be met quickly

A three-minute video [overview is shown here](#)

Development Method	Time to build	Cost to Build	Empowers Business Unit Workers and Leverages their domain knowledge	High certainty that all requirements can be met
No-Code very high productivity **Additional Power features** (TPL language, on-device SQL database, rich API, responsive layout and more) for power users and professional developers to ensure that complex apps **can be** built	Hours	Low	Yes	yes