LOGISTICS MANAGEMENT APPS

A Step-By-Step Guide To Skyrocket Your Logistics & Transport Business

Technology is changing the face of logistics industry. So, we jotted down our views on why app-driven transportation is going to stay.

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Apps For Logistics - Will They Revolutionize The Entire Business?

Preface

The transportation industry is known to lag behind the technological innovations. It faces multitude of challenges and loopholes that includes driver shortage, unoptimized deliveries, untrackable system, high fuel cost and strict regulations.

But 2017 is going to be a fascinating year for the transportation industry. Whether we talk about trucking companies, cargos or fleet management entities, technology is about to bring a major change in the way we were doing business. The newest technologies include mobile solutions that can streamline the way companies are doing carrying out their internal process. Managers can now track performance and reveal any inefficiencies. These technologies are not only cutting down human error in the warehouse or on road.

Whether you want to incorporate paperless documentation, safe vehicle tracking or time compliance, you get everything on your fingertips. Some companies are already using dashboard-mounted solutions that connects drivers, goods and trucks everything in a thread.

Now, fleet managers can deroute their driver and reroute them on their smartphone. So how all of these even possible? In this ebook, you will get all the insights you need to revolutionize your logistics business.

We have done a complete study on different technologies that startups and every other logistics owner can understand and steer their business in the right direction.

Hope you love reading!

Introduction: Rise Of Technology Driven Management in Logistics

The economy is emerging from recession, truckers, shippers and transportation services to adjust to a better business environment. Manufacturers and supply chain managers, both want to lengthen their system and reduce complexities. Whether you are a consumer or a service provider, you want better results with your investment. But, looking at the mess of logistics industry, this seamlessness majorly lacks. They don't have access to their goods position, driver behavior or anything that causes nuisance in the entire system.

To deal with these problems, logistics services are partnering with latest technologies and skilled personnels. 3PLS have more fleets. Things are getting electronically integrated and hence businesses are gaining profits.

You will know how mobile apps can be a savior to manage your scattered system in this ebook. How mobile apps for trucks, cargos and fleets can help you build a rock-solid business is what we have focussed in this ebook. It is an in-depth study of the real hurdles of logistics industry surveying the current market scenes.

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New Hurdles In Trucking- 3 Ways To Manage The Challenges

Ethan Young started his trucking business with a single van. To increase his customer base and shipping arena, he invested and bought few trucks. But, buying more trucks or employing drivers increased his problems, neither was he gaining revenues. Since traditional trucking has no access to truck location once they left his warehouse, it was difficult for him to track them. He could never tell the exact time of delivery or where his driver is! In short, his trucking system was in a turmoil and lacked communication.

To sort this grave issue, he 'crowdsourced' some expertise and at last, touched the Philosopher's stone.

The most noteworthy change he observed was a streamlined workflow. He was able to manage his inventories with GPS integrated tracking. Can you guess what helped him- its a mobile device that gave get all benefits in a whisk. The simple mobile API helped him monitor his truck progress. And it proved to be his one stop inventory management solution.

Though this plight of 'app concept' began with [Uber](), but now it is reshaping the whole transport industry.

So, if you are already into trucking business, you might have demanded a complete visibility of the process. And real time communication is what you lack, at present. If you want to tap your market, you need to get a tracking solution, that makes truck management fuss-free. Hence, an efficient truck app is what you need to solve major logistic issues.

Remember how Ethan did? But, before jumping into a conclusion, you must recognize the major bottlenecks. One of the most important issues is real time communication. It can lose you on momentum and bring new low on revenues!

Let's Identify The Common Truck Industry Challenges

Talking about the common truck industry challenges, the most eminent ones will be highlighted in this post. Among all the issues real-time communication and an efficient tracking is what all transport or logistics are devoid of. These make the logistic companies suffer huge loss on their ROIs. Take, for instance, the trucking system of U.S. the ATA (a.k.a. American Trucking Association) finds that [trucking industry comprises 80% of total freights done.]() But, the gross revenue finds hard to exceed even $700 billion!

To be specific,

>**1. Trucking System Is Drasticaslly Layered.** And it lacks a seamless work flow. The transportation cost is high with a broken business process. And you can track goods only when the end user makes data available- *through phone calls.*

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2. When Middlemen Interferes In Your Business. Here you have the middleman, who is none other than your broker. He does the settlement between shipping company and drivers. And takes up a commission of 20% of the total transaction! *Why would you give such huge amount to someone who adds nothing to your revenues?*

3. Trucking Lacks 'Easy Product Movement'. In your business you wish to move goods according to your customer requirements. But is it possible with a broken trucking process, where information is not streamlined? This is the main reason why goods movement lacks a flow.

4. On-time Delivery Is Majorly Lacking. Hub and Spoke network in LTL ([less than truckload-](#) transportation of small freight load) faces big time issue. Since there is an unoptimized time for delivery, truckers are not sure about their good's position. There always remains uncertainty about the road condition and traffic which delays delivery. So, without coupling your delivery time' with a 'tracking system', you simply cannot put things together.

5. Unmanaged Data In Business Hampers Security. Flaws in your security is something that affects trucking revenues badly. When goods travel from one seller to another, security becomes an issue. As you pass your goods through several hands, among multiple carriers and various transportation modes, you a need to keep diligent eye over the process. Since data is managed manually over paper, chances are there they may get tampered. It will be just 'a matter of time' when careless data handling can lead to negative results.

Hence, if a trucking business wants to strive in 21st century, it must choose a self-reliable system. And it is possible with much established connection between shippers and truck drivers- with no middlemen.

How Can You Overcome The Hurdles?

While there are many difficulties to tackle, feeble 'real time communication' remains on the top. And this hampers the 'total revenue'. Idle/empty trucks run for no good to the business. Once they drop the shipment, long haul driver return with empty cargos- with the same fuel consumption. It is a burning issue that negates the revenues and hence can be placed second on list. While dealing with these issues, you have to make your trucking profitable and affordable at the same time! Hence, a system that embraces the present demands and commands a robust business is what you need. This is why, trucking has now evolved with the help of best logistic app development technology. You can have the solutions that can run on smartphone, tablets and similar handheld devices.

That's how '**Uber for trucking**' has grabbed attention with their error proof transport service. They are raising bar for everyone- just like Amazon did for e-tailers! After the taxi revolution brought by Uber, they have successfully ventured in logistics, namely UberCargo. And that **bridges the gap between shippers and truckers.** Eventually, different trucking apps have developed and they help increase business visibility across a global scale.

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But before you know how logistics app development can help improve your ROI, here's few examples of some successful logistics apps ruling the market (to make it more convincing!).

1. **Cargomatic** is a remarkable name in this industry which again offers two types of app: driver's and shipper's.
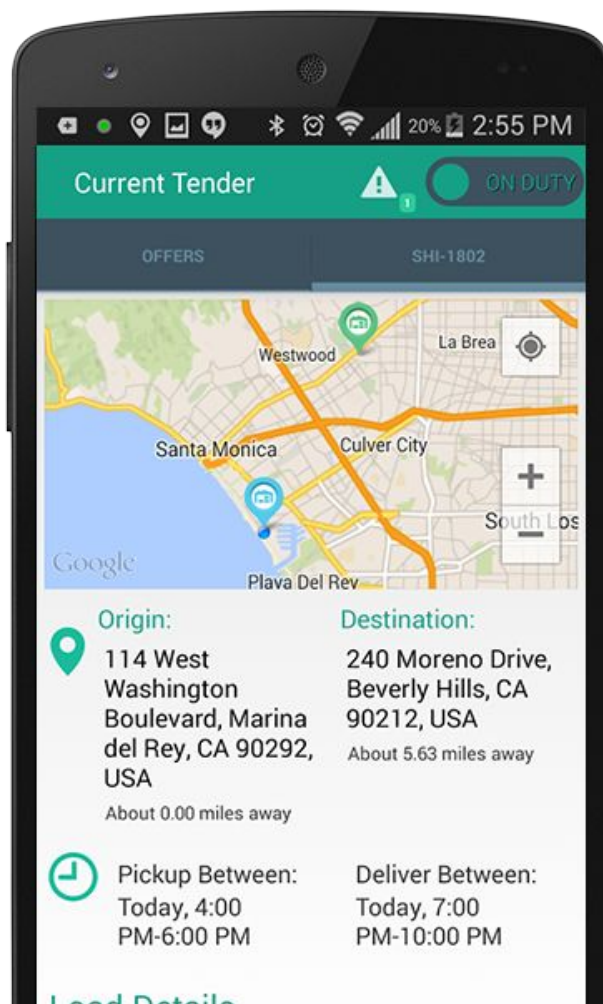
Whether the shipper needs freight dimension, pickup/delivery information and shipment details, inventories can be managed through apps. The request generated by that information is delivered to the nearest carrier. The driver app on the network accepts the job, and a notification is sent to the shipper. Hence, a real time communication happens with tracking details, saved in the app!

2. Another trucking giant **GoGoVan** from Hong Kong has followed the steps of Uber. It connects on-demand delivery service providers with drivers has earned $6.5 million.

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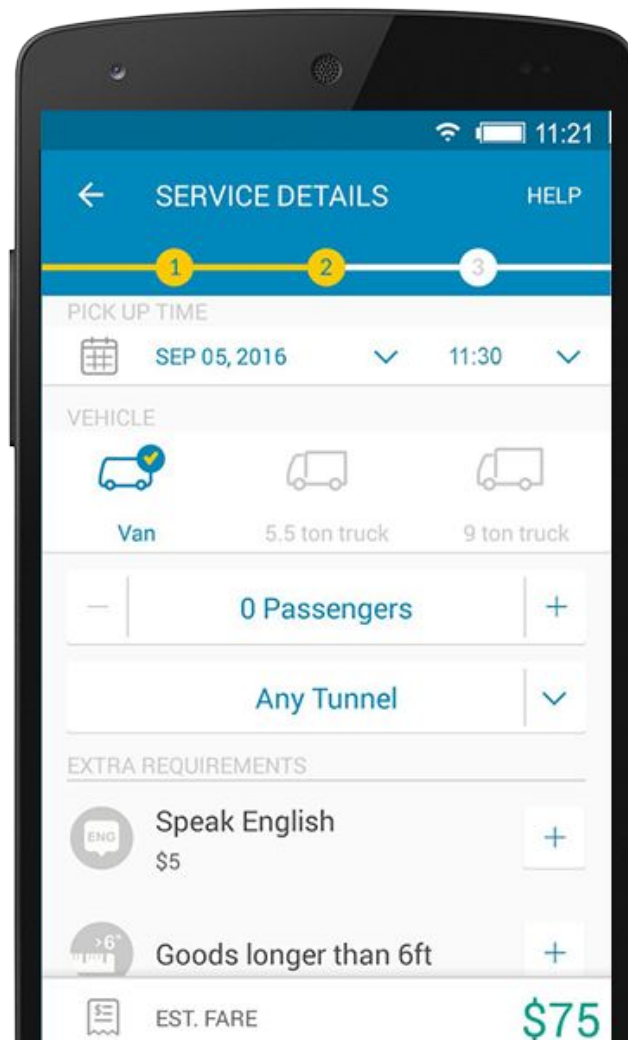
Started in the year 2013, GoGOVan has planned expansion in Singapore and many other cities in Asia. *What probably has led success to their trucking business app?* They have eliminated middleman, improved communication and build a foolproof trucking system- *and this has resulted in better revenues!*

These companies understood that if they want to earn more revenues, trucking needs to be streamlined. Hence, they eliminated middlemen and smoothed out the process of pickup and delivery. So, when you want to earn and save money, your middleman stuck with phone calls day by day, is definitely not going to help!

Value Driven Mobile Solution For Trucking

To build a flawless communication and cut down phone calls, you need to tackle the challenges involved. Here's how you can do that:

1. It's Time To Increase Transparency In Your Business

You must plan to have an active point to access data in an encrypted form. It can be done through an app software. When you run a global business, your partner should have the required information to execute it right away. In this stance, IOT or [Internet of Things plays a major role in storing and sharing the data](). You can get access to your data seamlessly and can keep it within the network of your concern. Creating a marketplace where you connect with your business partners or customers with such transparency will boost trust. And hence you aid in longer relationship with revenues!

2. Why Should We Choose Network Based Trucking And Not A Traditional One?

Traditional trucking is now history- where day-to-day decision making was a habit. Today, logistics need to work on a networked platform. For this you need to come out of the 'zero-sum competition' and look beyond. There will be many logistic companies trying to rule out your name. A razor thin margin between the revenues earned by you and your competitor is going to define your 'Name'. But, if you follow the paradigm of mobile based trucking solution, you are likely to be ahead of the pack.

Hence, building a networked economy should be your first priority.

3. Want A Hassle Free Truck Business? Think About Multi-Device Solutions

GPS attached trucks are turning out to be a relief to truck owners. Navigation access with multiple devices associated with truck driver and the support center has become easier- with few clicks. Whether it is for assigning load to an empty truck or finding a stranded truck- it is done on fingertips! *Well, how to do it?* With an installed mobile app and web based trucking solution in the driver and admin dashboard, your driver can avoid being stranded or 'run empty'. Even, a technical failure is easier to detect and can be addressed ASAP. In addition, you may streamline the routes on your device to optimize manpower.

And drivers, active on apps, can choose their shift per availability. So, at the end of the day you save money and add up revenues!

Take Up Your Stand In Logistics

Now you know the mess of logistic industry and how it's plagued with inefficiencies. So, how to develop logistics management app that can ease your pain? Since there is no one size fits all recipe, you can always customize your **mobile transportation app,** for your drivers. And that must serve a solid backend structure to your trucking. In the next post, we will try to focus on specific functionalities of GPS and how can they impact logistics.

4 Issues Of Freight Industry That Can Keep You On Hold

In the Previous Chapter, we were just discussing how messed up is the trucking industry and what kind of challenges they pose.

As the industry is vast, challenges are too many. So thought to highlight some more challenges that cripple the trucking and freight services and forces the vendors to look for an optimal solution.

For the past few months we have got huge app requests from logistics industry. And guess what all of them were looking for just a single solution - **Uber for Trucking** apps. With an app, they are trying to take maximum advantage of the dormant market.

Freight technology, to be specific, is super-Uberized at present. It's no secret that you will hardly go without hearing the term '[Uber for X](#)'. *Why?*

Well, **Uber** has been the hyper successful granddaddy of mobile apps. The idea, the seamless navigation, attractive UI/UX, painless payments and the way Uber addressed the issues of consumers- everything was a hit. And whenever there is a breakthrough success of a company, you can find many replicas in the market. This is why startups, active in freight market are going for apps like Uber.

While brainstorming the problems faced by most logistic entrepreneurs, we were baffled. And we felt their pain! There are grave loopholes and mismanagement in logistics that require transformation. We, after all the research, are promptly able to correct our clients that [Uber for trucking hasn't brought anything 'game changing'](). Even they face issues!

Problems are many, but we'll try to jot down the typical issues that have bogged down logistics. And our approach to solve them (yes, you can always be better than UBER):

What Happens When You Lack Automation In Logistics? (Consider Fussy Paperwork/Calls Here)

You might find yourself scratching your head while searching for list of drivers or various cargo requirements in a day. Paperworks are prone to manual mishandling. Any trade deal, shipment addresses and endless vendor contacts there are so much to manage- you can just mess up everything at any point of time.

Then comes scheduling your driver for the next shipment. What could be your mode of communication? Phone call right? Chances are there that they might be driving their cargo or just messing around with your call! So, you are not able to safeguard customer's data or assign a task on time and end up compromising your ROI.

It's Too Tough To Track The Logistics These Days, Right?

As, your cargo leaves your warehouse, you keep on wondering- Where are my goods at present? Did they reach on time? Is speeding avoided? The only option left, is to call the driver- where the veracity can't be judged. So, there is an urgency to come out of traditional trucking. It is camouflaged by different unseen layers.

You are on your way to expand your business with improved customer satisfaction. But, will a 'handcuffed' logistics system can help you enjoy a transparent business? No! What can you do?

Haphazard Fleet Management Can Affect Your Revenues- Give It A Thought

A logistics business owner always worries about assigning shipments and how to get feedback from his clients. When you're into logistics, you have to manage your trucks, endless vendors, notorious drivers and so much more. Then you have to manage your long supply chain where product moves through different hands and various middlemen.

3PL (third party logistics) involved in the process, information can get messed up. Hence, you lose supply chain visibility. In addition to receiving information about traffic or tracking your fleet, you want an improved performance of your service. So, you need a **fleet management tool** that does exactly what you want.

Are You Still Stuck With Erratic Communication?

Logistics being a decentralized process, lack in communication can be your headache. Imagine you are up to integrate a new **TMS**, Transport Management System in your business. Tracking shipment or scheduling trucks to your driver can get easier but again, they have to 'manually' access information from the TMS accounting system.

Not only this calls for inefficiency or human error but will also cost a loss of money. Now imagine if you have a long chain supply to manage- what could be the mayhem? How many phone calls will you make to your vendors or driver's daily?

To develop a robust transportation business, you need to adapt to the best logistic app development technology. Mobile networks can prune down your hassle and decrease logistics expenses. It can streamline your profit. Doesn't that sounds great?

Is Uber For Trucking The Ultimate Game Changer?

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Truck Apps With In-built GPS To Optimize Your Business

> *"In the year 2008, Garrett Camp and Travis Kalanick, two entrepreneurs from San Francisco, founded Uber."*

You all know the Big Shot Uber. Their success has made entrepreneurs to go for 'Uber for Truck' and 'Uber for something else'. Every logistic company now is in the race to be called as Uber for freight. But, just building a mobile app and using it for freight management wouldn't satisfy your motive. Neither does it help to match the craze for Uberization.

Like we said in the previous chapter, there's always a scope to go beyond what Uber did. Your logistic management app can focus uniquely on the business process.

Every truck business in logistics is different. Hence, seeing your business through the same lens to be the next 'Uber for Trucking' is not being clever.

Rather, you can focus on what features in your truck app can help you to establish your logistics better.

Uber's expansion story was though incredible, it was all about to connect everything in a thread. Following Uber's steps blindly can't assure you desired results as *half a knowledge is always dangerous!*

One of the primary reasons why logistics lose momentum is- untraceable navigation There are unique challenges to deal with when it come to track goods. Whether you own a truck or have heck of a total fleet to manage- troublesome operational cost can hurt your pocket.

We don't live in the time when 'Wayne's World' was running in theatres.

And hence, use of **EDIs or Electronic Data Interchange** is a history. It was widely in use in the 90s, but no more. With **GPS or Global Positioning System** enjoying high acceptance all over the world, logistic is in a better place now.

You can get all the information you need on your fingertips- no more time lags or misconnections. Let's go in depth to know the best practices of GPS that can seamlessly connect your logistics.

GPS can help engage your drivers, connect them with loads and let you know important factors that drive your business. The issues that GPS can tackle are

- Fuel theft
- Misuse of trucks
- Goods theft
- Insufficient time management
- Untracked business

The Global Positioning System API in your mobile device help you with the functionalities, that includes:

Pre-established Routes And Alerts:

There are so many routes to reach a destination. What could be the faster one is a real big deal to determine. Even most of the truck drivers may not be aware of the shortest routes to the destination, if they are new to the place. In such an instance, repeated calls at your desk, taking wrong routes due to miscommunication or no communication at all can delay your deliveries. But a GPS can be a boon to you.

Since GPS generates data to design the truck routes for drivers, they can plan dispatchment accordingly. Active devices on app can alert drivers for ongoing shipment, can tell them the shortest route to the destination, can sketch them an instant route on the map and even can inform about traffic. Your GPS device will receive signal to a particular radio frequency. It gathers message transmitted by the satellite that includes time, current vehicle position and streamlines the information. It can hence alert on the mobile device installed.

Monitor Speeding/Harsh Driving:

Now, driving can be reckless if kept unmonitored. Human nature is to become the 'king of the road' and overtake every possible vehicle. This uncontrolled speed not only decreases mileage but is also risk prone. You just cannot manually check on all your drivers and their on-road behavior- which includes reckless driving, speeding etc. But a trackable system can relieve your worries.

A GPS tracking system can keep control on fuel count, driving risk and save operational cost. The API on mobile devices can be designed to alert you on rash driving and even the misuse of vehicle air conditioning or the electronics. Unauthorized stops or pickups can be easily avoided. *You can have your fleet directed the way you want.*

Track Mileage And Measure Distance From A To B:

Traditional logistics was entirely controlled by drivers. Only they had the mileage details, fuel count or the total distance travelled. When you have numerous trucks to look after which are routed to different directions, are you going to manually note down the mileage or the covered distance? I don't consider it wise- or even possible. Well again, GPS can be your rescuer.

Tracking mileage with GPS while driver in on his way, is a cake walk. With such an API, you can additionally measure the total distance covered by each vehicle. It can help you track routes accurately as possible. And hence, you give no scope for human error (read intended driver errors)!

Active Geo fencing:

It is not possible for you to keep a track on all your drivers if you have uncountable number of trucks running your business. But it is necessary to know whether the driver delivered the order on time or not. So an automated tracking can surely keep you updated. Thus, geo-fencing is the technology that can make your logistic handling hassle-free. [Want to know how it works on Android?](#)

Geo-fencing optimizes alerts on your device when your driver enters/leaves a specified area. Mostly where you want to dispatch or pick-up goods. You can set up geo fencing with a fleet management software. The object you need to track will have to enter a given radius of fence. As the tracked object enters or leaves the geofenced area, you will be alerted. From here you can have a positive CRM and increase loyalty!

On-Time Truck Maintenance:

When you have so many trucks to manage, timely maintenance hits a miss. But you need to service your trucks or cargo vehicles within a specified time. The lack could be dangerous. What if your vehicle is bogged down in a stranded midnight? What if the drivers fails to avail help from a nearby source?

Well, the good news is, GPS can help you get updated on this! Your truck may get assessed, towed or repaired but a tracking system can simplify things. It can notify you for a routine servicing. In addition to that the GPS API tool can help help fleet managers track required truck services or registration requirements.

Finally, You Get Your MIS Report At One Place

MIS or **Management Information System** will contain vehicle history, fuel usage, extra idling (a common problem), harsh breaking, work-time ratio and everything else that you want to manage. We all know Truckers or fleet managers struggle hard to find all their data at one place. Since the trucking system has different layers, it generates information at various stages. When you want to align your drivers and information, as told above, GPS can channel your MIS seamlessly.

1. To overcome the major challenges, a GPS vehicle tracking system is the best deal to lock. Just think of higher customer retention you get!

2. Irrefutable data obtained from GPS makes dealing with large customer base easier. As you have the exact facts available, you can always improve your business efficiency.

3. In most of the cases, Truckers have increased their revenues and cut down operational costs when there's a total visibility over the system.

4. When you put together your trucking with no guesswork, you give an edge to your business.

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Have You Thought Of Automating Your Logistics Business?

We talked about some specific logistics problems that can be tackled smoothly with GPS. Now, we'll dig deeper in logistics and identify why logistics is still under losses.

So, as the expert says, logistics moves massive amount of goods and people, everyday through different modes- sea, surface and air. This makes the process complex, difficult to handle, and you can never do it clicking few buttons.

But, guess what, we are in 21st century. Thanks to mobile apps, they make business so easier.

It is the age for logistics app development which is transforming the face of transportation.

What Challenges A Logistic Company Faces Today? Do You Know Them?

Now, think of an established logistic company owner, who wished to upgrade his order supply and delivery business. But, he don't want to disturb the core system and replace it completely. This could risk his time and money. His business was lacking transparency in the supply chain. The workflow was complex which while gave serious chills to his business. With huge numbers of customers, warehouses and numerous drivers to deal, his business was not seamless.

Inefficiencies In System

This lack of efficiency held back his company's performance and led to poor customers services. Lack of real-time support, maintaining thousands of data manually, threat to customer's information keeps logistic under constant pressure and makes it tough to survive in the market.

Logistics business owners are thus in search of a trucking solution that can automate their work without bringing any changes to their core business.

Lack Of Automation

When there are new competitors with a scalable business system, then [your traditional logistics business is going to face a blow. Why?](#) What you need, is a process that could probably modernize logistics without causing flow disruption. It must cater 'new elements' smoothly with 'traditional elements' to build your logistics management dashboard. And it should focus towards maintaining customers satisfaction, giving a satisfactory ROI.

Keeping everything in a chain is to key. When you come back at the current market demands, you can always stay ahead of the pack! It's high time to move from traditionally lagged logistics and move towards a mobility solution. It is going to impact positively on the workflow.

Do You Lack Control On Your Warehouse?

Assume that your trucking business is on a roll. You are getting new orders and more shipments are on the board. But as you enter your warehouse, everything's a mess! Your goods are not lined up, neither are your trucks. Drivers are roaming unplanned for taking up shipment tasks. How will you manage this increased demand? Talking about warehouse management, you would like to have complete visibility over your product, right? But can you look over all your product, arriving truck details, stored items and everything else at one place with a traditional method? No!

Having a complete warehouse management app can give you the overview of your warehouse on your smartphone. Also, you can identify your packages, ship and store them in a streamlined manner. Its high time you get a promising [resource optimization through mobile apps](#)- that reduce operational costs too! We can help you find a way that can help you embrace agility in logistics. And Mobility is the only alternative left!

People Are Now In A Hurry. Is Your Delivery Service Catching Up?

On-time delivery is a grave issue that logistics currently deals with. Customers these days are always in hurry and demand on-time services. To work with a 'mobile generation' who irates on late deliveries, you got to have a slick product movement. Hence, if your business deals with doorstep services, what you need a quicker process. Speeding up deliveries will boost client's trust and will bring better deals. So, what could possibly move your goods faster making deliveries in a whisk?

> *'The purpose of a business is to create a customer and grow that customer'- Peter Drucker*

When you use a mobile transportation app, you are not only building a brand name for your company but creating a better service for your customers. In addition to that, you can scan your goods, create invoice, enter delivery detail- pickup and delivery address and everything else. While you do all these on a screen, your trucking process gets streamlined and hence you can cut down the delivery time. So, your shipments get picked up and delivered right from the warehouse to customers- on time!

Have You Ever Thought Of Tracking Your Asset On Your Mobile Phones?

What happens after your trucks leaves your warehouse? You become clueless about their position. Your next step? Calling your driver endlessly! Is that the right approach to track your assets? Is your driver giving you the precise details on the delivery schedule or his truck position?

You need to keep a track of your shipments when you deal with numerous trucks. And mobility can give you the extra precision with geo-positioning API.

You can track so many of your trucks with mobile apps to know your shipment status, schedule, driver speed, delivery time and hence reduce manual errors. Apps can make your business automated with a visible analytics to work on. Hence, you can control costs and can achieve higher business margins

Take Your Logistics To The Next Level

While combining these complex factors we can assume that traditional logistics with a stiff work process is not going to stand. When there are technologies like drone deliveries up in the market, you need to buck up and get into an active business system that help your management go smooth. If you wish to develop a system that goes global, think of mobility. Trade worldwide with minimum hurdles ensuring best of ROI.

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Get Your Handy Tips To Overcome On-time Delivery Issues In Logistics

Running a profitable logistics business requires a 'good deal' with your end users. You need to take care of customer demands as what they want is quick deliveries. In short they hate to wait too long. And with the present circumstances, traffic challenges, late drivers and many other factors combine to late deliveries. If you keep them waiting, they will **LEAVE**!

Last mile delivery management issues are burning in logistics. Vessels and cargos that usually take seven to eight days don't arrive for months!

Be it ecommerce deliveries or heavy load trucks plying on road, they are delayed. *The result?* Higher operational costs, irate customers and an unmanaged business. Retail, healthcare, food or truck load delivery industry face similar situations. Improving on-time deliveries can save you from penalties and dissatisfaction from customers.

So, if you need a successful logistics business, you should know why on-time delivery is important.

Whether you own a long chain supply business or trucking, you must create a customer centric relationship that significantly increases trust.

What kind of solution can streamline your deliveries and make them reach on time? Well, going mobile is the right way to meet the evolving logistics needs. In this post, we will try to decode the on-time delivery challenges with you!

Your Customers Expect On-time Deliveries. Are You Prepared?

The smartphone driven generation needs everything fast. Though the supply demand is increased, the problems of late deliveries has been proportionally on rise. Hence to meet the urgent demands of logistic, you need a smart system that can tackle the expectations. Here are some of them, highlighted-

- **Customers want quicker deliveries**- Users generally expect better delivery rate during peak season- holidays and festivals.
- **Desire to track goods**- Customers in logistics are likely to have the immense desire to anticipate their good's position.
- **Complete details on fingertips**- Customers demand transparency, on-time delivery, mess free last mile deliveries and complete detail of the process. If they get incorrect details or late delivery, they are unlikely to continue the business. This is why probably Amazon wants to own its Delivery Service.

So, how are you going to automate your logistics that can help in speeding up your deliveries? Since, late deliveries is a huge concern, we can help you with the best practices that can ease your pain.

"Your app, your design." - That's what customization is.

Take Your First Step Towards An Automated Warehouse- Here's How!

Logistics needs vast management which can only be sorted when you own an automated process. Your first requirement is to eliminate manual work as it takes up a lot of your time. There's so much of data to move, numerous goods to reach their destination. But with employees accounting data is pretty classic. It has mistakes, tons of repetitions and is quite time consuming- which is going to affect delivery time. To combat the error prone management, what we thought is a turning out your logistic process into automated service with API.

Do You Hate Traffic Bumps? So Do We!

Cutting down delivery time is what every logistics or truck business owners demands. But, how is that possible with such unmanageable traffic on road? Think of your cargo. Your driver has no idea of the traffic related concerns as he is new to the business. What if he gets stuck at a place for hours? Even retail behemoth like Walmart made essential changes in his delivery schedule from four days shipping window to two days shipping. Though it created a buzz among the suppliers, it has improved customer service drastically.

Conventional trucking system didn't have the possibles chances to look out for road condition, traffic pressure and even whether. Automation through mobile devices have gradually changed the big picture. Now you can have 'real time' details of traffic condition, GPS maps to locate delivery stops and weather condition. Truck apps solution are custom made just for your business. As your driver get right information, he can pre-plan his journey to avoid traffic hustle and reach destination on time.

Connect To Your Customers- Avail Them Real Time Details

Anticipation among end users for receiving their product is common. They want details of their packages. They end up calling your several times for knowing the exact position of tehri goods. And even a 10 minute delay will seem like a long one. Is calling your driver every time to confirm exact positions is possible? *What if you have 100 trucks to manage?*

While real time communication lacked in old fashioned trucking, you can get a GPS solution for your business. It will integrate you, your customers and drivers with a thread. It not only increases data visibility on your mobile screen but can give your users a better experience. While they can track their goods and know the current position, they will worry less! Connect them to proper right data sources to automate truck reports.

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No-nonsense Information Security In Logistics To Manage Your Business

In the past few years, the growth of logistics is seen to be proportional with security issues. Lack of a scalable system, insufficient management of warehouse, notorious drivers etc. are the major reasons logistics leaders worry about.

For instance, nearly half of today's truckers think of the emerging risks in their business. Though some are confident of the new internet 'IT' practices implemented in the business, logistics security is at stake.

You may never know how your data gets influenced or changed. Whether it is about goods theft in trucking or cyber threat or breach faced by logistics industry, information security in logistics require attention.

In this post, we can surely focus on why security lags in logistics and how you can develop a secured business with mobile apps.

To start with, the major security threats in logistics remain to be

- Increase in goods theft
- Cyber threats
- Mishandling of credentials among business personnel
- Middlemen meddling with information (mostly in supply chains)
- Insufficient maintenance in national and international standards

So we built a ultra-customized software that enables fleets, truck and cargo companies to compete with Uber like companies and have control on the entire business business.

Traditional logistics system lag drastically. There was no way to look after the trucks or cargo on the road. And it was tough to count every package that gets dispatched. Data ethics was not maintained which had led companies lose crucial customer information. This directly affected potential revenues. In addition to that, driver safety is yet another issue that concerns logistics, trucking to be specific. So, in a long run, business were losing on trust from customers, which led undermine brand value and lowered mouhlas.

> *"Are you looking for yet another uber-like logistics management app or you want to have your on your own brand name?"*

But the good news is, you can get over these security threats and mitigate the underlying risks. IoT or Internet of Things is completely changing the big picture in logistics. It has a broader aspect that can manage the logistics industry. With just the help of this networked business, Logistics alone can generate almost **$1.9 trillion** value of what IoT generates globally. You can unlock better opportunities with internet and mobile tech, that can help you in real time communication for the upcoming millions of shipments.

Let's uncover the efficiency of mobile technology brewed with IoT that answers how to increase security in logistics!

Want A Smarter, Safer And Manageable Goods Movement? Think Of QR Codes

When you start loading goods on your cargo, you do a manual counting- rather one of your employees does. Even a CCTV footage can't tell if he did it right! Isn't?

Every package, whether big or small, can't be marked manually by numbers. You need a good manpower to record the goods detail and manage your inventories. So, in the end, you can you count, organize and manage your customer's boxes and track them for future needs?

Move over bar codes or manual management. With **QR (Quick Response) Codes** generation tool designed for your goods, you get the freedom to keep everything in place. In addition,

- **Dig into inventory detail-** The truck apps are integrated to read the codes and offer you with in-depth details.

- **Track goods arrival time**- With the codes, you get to know the check-in times. You get them on your apps connected to internet.

- **Instant owner detail**- When QR code label for the box is scanned, you get the owner details, box number and customer details in an instant.

- **Track goods location-** Furthermore- you can track the location using GPS to know its position in warehouse, check out area or if it has been delivered. You can even get the transfer history to tally your data!

GPS Can Minimize Goods Theft. Have You Thought Of It?

Think of your fleet management business. Many trucks loaded with highly precious goods are transported on a daily basis. How can you assure of their safety? What if the goods are missing before they reach your customers? Would you pay for the damages? Who are you going to blame- the driver?

With mobile GPS tracking, you not only safeguard your goodies but you can know if any of the items are stolen. Whether you ship valuable consignments, or have doubtful drivers in your fleet, your logistics management app can trigger you, right at the moment. As soon as you get the alerts, you can have the truck and goods detail on your screen- for further actions. Nothing will slip from your vision with **mobile app tracking**.

Security Loopholes? Fix It With Logistics Solutions!

Security is not only for the goods. When you are running a trucking business, you have to think of driver safety. And how can you do that? Well, lack in truck/cargo maintenance is ignored majorly- for different reasons! Sometimes you forget and sometime you are trying your save your money. "Eh, I never do that!" but you secretly do. 'Cause when you are the Boss and there's no one to steer you, you're lazy to schedule a maintenance. And this is unfortunate for your business.

Now, here, technology can save you. Mobile app API will remind you of scheduled maintenance. With that, your trucked is secured from being stranded somewhere- broken! Being on top of standard will make your fleet safer which is only going to aid on your security. Cargo apps or truck apps are secure logistics solutions which help you keep a tap on risk analysis, audit and inspection of vehicles, track injuries, schedule truck maintenance etc. Your fleet management is hence saved from accidents or engine breakdown- saving extra operational costs!

Don't you always dream to make more 'money' in your business?

Trucking and logistics have noticed various activities that has becomes a concern. Increase in thefts and tampering is increased. If you want to tap on your system and lower operational cost, you need a system that is tech driven and increases logistics security.

8

How Mobile Apps Can Make Your Freight Business Less Frightful

> *"You can't predict where your cargo is, once it's off destination, can you?"*

Even the logistics pundits failed to cover-up the loopholes they face, on a day-to-day basis. Whether it was shipments lined up in the warehouse or trucks on road, none was monitored. Big players in logistics business scratch their head to find their truck position, or if goods reached on time, or if anything got stolen!

On account of this mess in logistics industry, customer number has increased with increase in shipments.

Though logistics demanded easy flow of goods from a resource to another location, it majorly lacked coordination. Similar was the situation for [D.W Morgan, the president for Grant Opperman](#). He wanted to give his customers the detailed information but individual efforts with uncountable phone calls was what they got stuck with. There was 24 hours delay between signature taken by his driver and the time when it was uploaded in the system.

So, they were looking for logistics planning software with GPS tracking, digital signature and quick update of information to help the business. With a completely customizable logistics app for iPhone, he achieved his goal. He could revolutionize his business and streamline the process for better transparency!

Logistics and transportation helps ecommerce, retail, warehousing and other delivery services. And if it has a loose backend operation, it won't serve the purpose! Mobile app for logistic companies can help receive orders, deliver shipments on time, track your shipments, monitor drivers, assign them task and other processes. Enterprise mobility solutions is the way to get your business ahead of competition. Since, the readers for this post are logistics players, we can go straight to offer you quick mobility solutions.

Let's find out how!

The Mobility Solution For Logistics Service Providers

Logistics is no more living in a dark space. Hence to break the Shipper-broker-customer triangle, what you need is logistics application software. And that includes Admin app, Driver's app and a web app for running the system.

To start with the requirements of truck owners, they need to track their vehicles, asses traffic, notify customers, get instant notification on delivery, assign tasks to drivers, avoid empty trucks etc. Therefore the goal is to get a manageable business. You need to what ERP applications are. For this, **a mobile app solution** is needed which can help **truckers/logistics owners** do the following:

- **Accept a shipping request from customer-** add location as per truck availability
- **View driver wait list-** add new trucks, add truck details
- **Have a check on freight details-** load type, shipping detail, pickup requirements, etc.
- **Assign truck to selective drivers**

- **Logbook app development for long haul drivers**

- **GPS mapping-** track trucks, know traffic details, know driver behavior(speeding, unsafe maneuvers, mileage, fuel consumption)

- **Manage orders-** view/edit/cancel orders

- **Track ongoing orders**

- **Generate bills-** can also pay directly to the drivers

- **Basic statistics-** with paperless documentation

- **Real time chat-** with drivers and customers

While you being the owner will get real time inventory status, you can take right decisions. Data that you get over your mobile app can help you take solid informed 'decisions on the go'. Let's quickly look at the features for your driver's app.

How To Approach Towards Building A Driver's App

You don't want your drivers to roam with empty trucks. Neither the drivers want to limit their availability. With mobile apps build only for drivers, they can book their trucks without wasting time. Let's mug up the major features that can engage drivers in a better way:

- **Connect to shippers-** have a complete detail
- **Accept shipping request**
- **GPS enable mapping-** to find desired shipping destinations
- **Real time information on traffic updates**
- **In-app payments-** to accept payments from owner
- **Real time chat-** with truck owner, customers
- **In-app push notifications-** for booking, cancellation and journey updates

Want More? You Can Always Customize Your App!

Since different businesses have different management, customization is the key. You can have a complete warehouse management app solution which gives you a complete grip over your warehouse, your consignments, to-be shipped items in the best way possible. If you need, you can slot, verify and shortlist the items to different destinations through RFID label.

In supply chain management system, managers have to be omnipresent. They can't stick on their desk for long. The Global Head of Marketing and Sales of DHL Global Forwarding, Michael Young thinks of mobile solution as the best way to track time sensitive consignments. According to him, Supply chain management app gives the fingertip convenience to obtain real time communication and information.
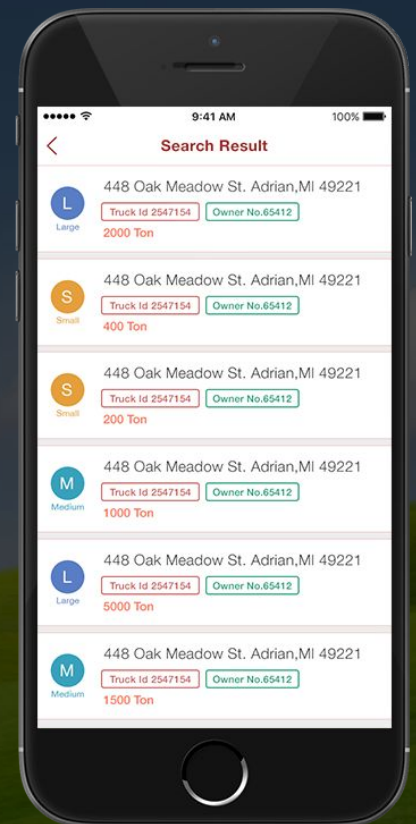
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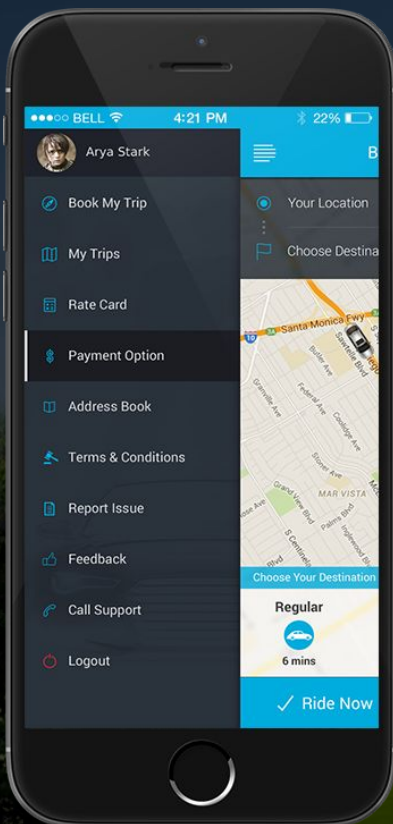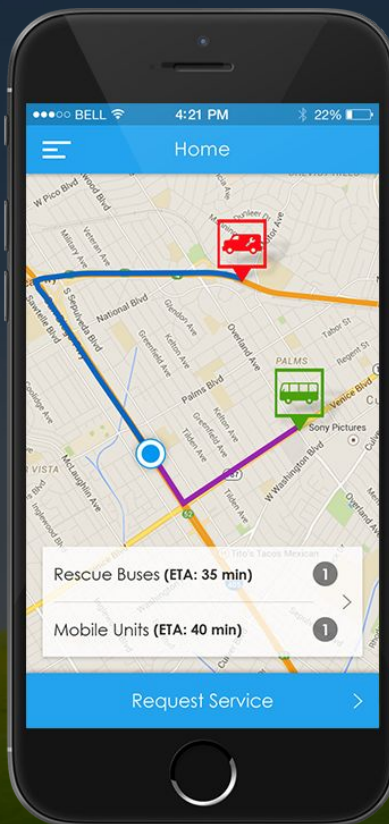
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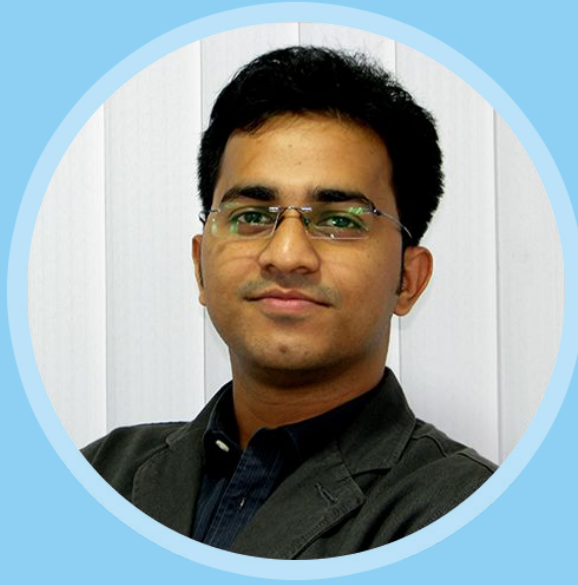
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