

Copyright Smart Gladiator/LoadProof

This document is protected by US and International copyright laws. Reproduction and distribution of this document without the written permission of Smart Gladiator/LoadProof is Prohibited.

Picture Documentation System – White Paper – Part 4



Load Proof
Image Enable Your Supply Chain

Digital Camera Based Picture Capture Vs LoadProof - Comparison

Introduction

This document describes the following,

1. Provides a thorough comparison between the current Digital camera-based picture capturing many distribution centers do versus the LoadProof way of capturing pictures.
2. If you review the “Pictures for Freight Claims – White Paper – Part1” , “Pictures for Freight Claims – White Paper – Part2” , “Picture Documentation System – White Paper – Part3” and then review this current document, you will get much more value out of this exercise to understand the Picture Documentation System thoroughly. However, it is okay to review this current document by itself as well. If you need access to the Part 1 and or Part 2 and or Part 3 of the White Paper, please email puga@smartgladiator.com or ebragg@smartgladiator.com

Terminology

Acronym	Explanation
SAAS	Software as a Service
LoadProof	SAAS Solution that includes a mobile app called LoadProof and a Cloud portal at www.loadproof.com
DC	Distribution Center
Site	Warehouse or a Distribution Center or a Cross Dock facility or a Manufacturing unit or any site where some kind of a distribution or order fulfillment or manufacturing or an assembly operation or something similar operation is performed
Freight Claims Management System	The Freight Claims management systems have evolved, and some systems have the ability to retrieve pictures based on configuration and submit them to carriers along with the other documentation for Freight Claims. For example, the leading SAAS Freight Claims Management System, www.MyEzClaim.com has integrations already built into LoadProof, where in, there is no need for the user to do anything to get the pictures, as the pictures are already available.
Supply Chain Community	All the participants in the Supply Chain community form this community. They are manufacturers, distributors, transportation service providers, cross dock operators, lumpers and many others.
Supplier	Any manufacturer that manufactures a product. A supplier could also be a vendor that is sourcing products from the far east countries such as China, India, Bangladesh, Indonesia etc. and then distributing the products to its customers within United States.
Shipper	Any manufacturer that manufactures a product. A supplier could also be a vendor that is sourcing products from the far east countries such as China, India, Bangladesh, Indonesia etc. and then distributing the products to its customers within United States. Suppliers and Shippers are often used interchangeably.
CYA	Cover your Ass, so when something goes wrong, you can show that it is not your fault and you did your job right.
Shipment	It is product that a supplier ships out of their facility, usually this is in the form of pallets.
Load	Same as shipment for the purposes of discussion in this document only.
Transportation Vendor	Trucking company or any Transportation service provider, it could be rail or air freight or ocean
PDS	Pictures Documentation System
Freight Claim	A freight claim is a legal demand by a shipper or a consignee to a carrier for financial reimbursement for a loss or a damage of a shipment. A freight claim can also be called as shipping claim or a cargo claim or a transportation claim or a loss and damage claim.
Consignee	Buyer or receiver that is paying for product/merchandise/shipment. A party (usually a buyer) named by the consignor (usually a seller) in transportation documents as the party to whose order a shipment will be delivered at the port of destination. The consignee is considered to be

Digital Camera Based Picture Capture Vs LoadProof - Comparison

	the owner of the consignment for purpose of filing customs declaration, and for paying duties and taxes. Formal ownership of the consignment, however, transfers to the consignee only upon the payment of the seller's invoice is made in full by the consignee.
Consignor	Seller

Background

[LoadProof](#) is a photo documentation SAAS solution that allows any warehouse manager to develop a catalog of easily searchable photos with contextual data that helps warehouses, businesses, manufacturers, shippers, suppliers reduce claims, chargebacks and also to get freight claims processed faster.

A Fair and Thorough Comparison Analysis

It is a good idea to start with watching this YouTube video - <https://www.youtube.com/watch?v=U7NcoRuPEeA>

Digital Camera Based Picture Capture Vs LoadProof - Comparison

	Digital Camera Based Picture Capture	LoadProof
1	<p>Picture taking Steps</p> <p>The following steps are performed here to catalog the pictures</p> <ol style="list-style-type: none"> 1. User1 takes pictures in Digital Camera 2. User1 keeps taking pictures until the memory card is full 3. Once the memory card is full, user1 walks to his computer and copies his pictures to the shared network drive or Google Drive. 4. Then there is a user 2 that is working on the pics documenting them 5. User2 is creating one folder for each day 6. User 2 is creating folders within the Day folder with PO# and cataloging the pics under the PO# folder 7. User 2 does this whenever there is time, if there is no time user2 does not do it 	<p>Picture taking Steps</p> <p>The following steps are performed here to catalog the pictures</p> <ol style="list-style-type: none"> 1. User1 takes pictures in a mobile device using the LoadProof App 2. User1 snaps multiple pictures by tapping the screen of the mobile device 3. User tags the pictures with multiple meta data such as PO#, Sales Order#, BOL# etc 4. Then User chooses a category and uploads pictures to the LoadProof cloud
2	<p>Picture Uploading Steps</p> <p>User has to walk down to the computer and then manually copy the pictures from the memory card of the digital camera to the shared network drive or the Google drive.</p>	<p>Picture Uploading Steps</p> <p>Once the user has taken the pics and added the contextual meta data, all the user has to do is press one button to upload. Not only the pictures are uploaded, but also there is a confirmation message that is displayed saying pictures uploaded successfully. Also, if the upload fails due to poor connection, the pictures are retained in the mobile device, so the user can try the upload again after ensuring that the connection is strong.</p>
3	<p>Picture Retrieval Steps</p> <p>The following steps are performed to retrieve the pictures</p> <ol style="list-style-type: none"> 1. The Warehouse Manager goes to the shared network drive or Google Drive 2. Then goes to the folder for that specific date 3. Then opens the folder for that specific PO# 4. Then manually searches the pictures that were taken that day, sometimes the pictures are in the correct folders and sometimes they are not 5. If he is not able to find the pictures talks to User 2, then determines if the pictures are properly cataloged in the correct folder or not, if they are cataloged, he finds the pictures, if not says that he does not have pics 6. Then copies those pictures to his email and sends it to whoever that needs it 7. Sometimes the person on the other end receives those pics, but sometimes the person on the other end says he has not gotten them, so the warehouse manager asks the person on the other end to check his 	<p>Picture Retrieval Steps</p> <p>The following steps are performed to retrieve the pictures</p> <ol style="list-style-type: none"> 1. The warehouse Manager goes to loadproof.com 2. Logs in with his credentials 3. Then searches for the pictures by entering the meta data 4. The pictures are listed 5. Then he can drill down further and look at the pictures with the meta data, date stamp, time stamp, GPS stamp right next to the pictures

Digital Camera Based Picture Capture Vs LoadProof - Comparison

	<p>spam and trash folders if not asks him to call IT to check if any of his emails have been blocked</p> <p>8. The person on the other end does that and finally gets the pictures, but some times IT is not able to find such emails, so the pics are lost</p>	
4	<p>Picture Sharing Steps</p>	<p>Picture Sharing Steps</p> <ol style="list-style-type: none"> 1. Users can copy and paste the link to the pics in his/her email and share pictures through email 2. Users can generate a PDF of the pics with meta data and email that PDF. This is especially useful when sharing the pics with retailers through their vendor compliance portal. Users can directly upload the PDF to the Retailer Vendor Compliance portal 3. Non LoadProof users can be set up as users within LoadProof if they require pictures on a regular basis. This avoids any email or phone communication, instead the users can logon to LoadProof and take a look at them as and when the pictures are uploaded
5	<p>Hardware Maintenance</p> <p>Sometimes the pictures are lost, because IT does an update to the server that is hosting the shared hard drive that is holding all the pictures. Suddenly all the pictures disappeared because the person on the IT side did not realize that this server held the pictures, without realizing he did the updates, now the pictures are not compatible with the newer version, so the pictures are lost.</p>	<p>No need to do such maintenance, such maintenance is performed by the LoadProof vendor.</p>
6	<p>Only one meta data can be added to the picture</p>	<p>Multiple Meta data can be added to tag pictures to establish context for the pictures in better fashion</p>
7	<p>People that have access to the shared network drive or Google Drive can only access the pictures. People without access to the shared network drive or Google Drive needs to email one of the custodians of the shared network drive or Google Drive and get the pictures from them</p>	<p>Anybody can be given access to the pictures by setting them up as a user in the system.</p>
8	<p>The pictures will have to be manually uploaded to the retailer's vendor compliance portal and the meta data needs to be communicated outside of the picture submission process. Picture submission and the communication of the contextual meta associated with the pictures take long time</p>	<p>PDF documents with Pictures and meta data can be quickly generated using the PRINT button. These PDF documents are helpful as they can be quickly uploaded to Retailer's Vendor Compliance portals to get the chargebacks cancelled</p>
9	<p>Videos can be taken using the digital camera, however the file size is big, hence users run out of memory even sooner, hence the user needs to walk back and forth more number of times to save the videos into the shared network drive or Google Drive</p>	<p>Users can also capture videos to show any moving parts or add audio message to the documentation and tag the videos exactly the same way as pictures are being treated.</p>
10	<p>No such capability. Any such tampering is possible to the pictures and videos that are captured here.</p>	<p>Integrity of the Pictures is preserved</p>

Digital Camera Based Picture Capture Vs LoadProof - Comparison

		<p>The photos and the videos that are created with the appropriate meta data are treated as Enterprise system of records, meaning once they are taken, they are appropriately tagged with the relevant meta data and also they are tagged with the date and time and GPS data. The meta data, the date stamp, the time stamp and the GPS stamp cannot be tampered with. Users can add more comments and add additional documentation to such enterprise records, but once taken, users cannot go in and modify the picture or modify the videos. Hence the integrity of the data is preserved, which instills trust and confidence to the data that is being shared amongst the Supply Chain community.</p>
11	No such capability	<p>Enterprise Deployment Possible with Hierarchical User Setup</p> <p>This system supports a hierarchical user definition model that includes the following</p> <ol style="list-style-type: none">1. Picture taking and picture viewing and both users at the corporate level2. Picture taking and picture viewing and both users at the network level3. Picture taking and picture viewing and both users at the site level4. Admin users and non admin users at the corporate level5. Admin users and non admin users at the network level6. Admin users and non admin users at the site level

Digital Camera Based Picture Capture Vs LoadProof - Comparison

ABOUT THE AUTHOR

Puga Sankara is the co-founder of Smart Gladiator LLC. Smart Gladiator designs, builds, and delivers market-leading mobile technology for retailers, distributors, and 3PL service providers. So far, Smart Gladiator Wearables have been used to ship, receive, and scan more than 50 million boxes. Users love them for the lightweight, easy-to-use soft overlay keyboard and video chatting ability, data collection ability etc.

Puga is a supply chain technology professional with more than 17 years of experience in deploying capabilities in the logistics and supply chain domain. His prior roles involved managing complicated mission-critical programs driving revenue numbers, rolling out a multitude of capabilities involving more than a dozen systems, and managing a team of 30 to 50 personnel across multiple disciplines and departments in large corporations such as Hewlett Packard. He has deployed WMS for more than 30 distribution centers in his role as a senior manager with Manhattan Associates.

He has also performed process analysis walk-throughs for more than 50 distribution centers for WMS process design and performance analysis review, optimizing processes for better productivity and visibility through the supply chain. Size of these DCs varied from 150,000 to 1.2 million SQFT. Puga Sankara has an MBA from Georgia Tech. He can be reached at puga@smartgladiator.com or visit the company at <https://www.smartgladiator.com>. Also follow him at www.pugasankara.com. Also check out www.loadproof.com to save \$\$\$ on chargebacks, to get more of your freight claims and to get your freight claims processed faster.