



EWP Software

for

Common Bio-Medical Waste Treatment Plants

Our software for CBWTF has been growing in features over the last few months. I would like to take this opportunity to update you on the new things we have done, the challenges we are facing and the way forward for all of us.

Covid 19 seems to be a game changing event for the Bio Medical Waste Management Industry. The Government, Judiciary, Hospitals, and the Public are becoming aware of infection caused by Medical Waste and its danger. Everyone is affected by mishandling the waste and we are all scared for our lives.

We believe over the next 1-2 years there will be stronger push for tracking waste in real time and the reports for proper treatment and recycling of waste will become critical. People will pay extra for avoiding the infection (which was always a challenge). We need to prepare for this as it will take 6-9 months to create new processes which will be acceptable to a CTF Driver, CTF Plant, HCF and the ULB/Municipality.

Our attempt has been to build a software that should need minimal training and should be accepted by all.

We have been trying to solve some of the issues in the Industry for last few months.

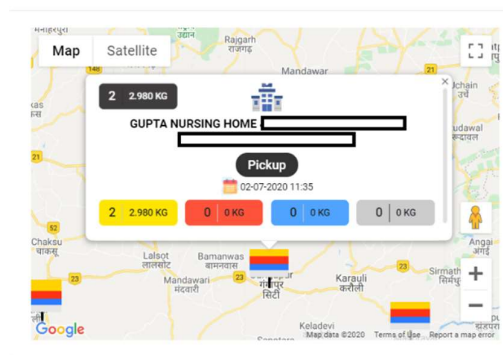
1] Driver takes too much time to scan bags at each HCF.

We have built a solution where the HCF scans the bag and keeps it ready for pickup. When the driver reaches the HCF, all they do is mark their attendance and physically verify the bag count by colour. This process has improved the driver's productivity and we are training more HCF every week to move to this practise.

S.No	Name & Address of HCF	Type of HCF	Details of Biomedical Generated by HCF (Qty. of BMW in KG)										Details of Biomedical received by Driver						Difference in waste collected and received (+/- in kg)	Action									
			Date		Yellow		Red		Blue		White		Total		Date		Yellow				Red		Blue		White		Total		
			Time	No. of bags	Quantity	No. of bags	Quantity	No. of bags	Quantity	No. of Containers	Quantity	Total No. OF Bags	Total Weight	Time of receipt of waste	No. of bags	Quantity	No. of bags	Quantity			No. of bags	Quantity	No. of Containers	Quantity	Total No. OF Bags	Total Weight			
1	B.D. MEMORIAL HOSPITAL	BH	02-07-2020	16:51	1	0.253						1	0.253															-0.253	::
2	KAILASH HOSPITAL	BH	02-07-2020	16:30	4	6.340	5	16.525		1	1.375	10	23.840															-23.84	::
3	OJHA HOSPITAL	BH	02-07-2020	16:03			2	8.948				2	8.948															-8.948	::
4	GUPTA NURSING GGC - NEAR PO	BH	02-07-2020	11:35	2	2.980						2	2.980															-2.98	::
5	GOVT GENERAL HOSPITAL	BH	02-07-2020	11:26	8	31.935	11	38.576				19	70.511															-70.511	::
6	SOLANKI HOSPITAL	BH	02-07-2020	10:46	3	5.926	11	25.134				14	31.060															-31.06	::
7	AGRAWAL HOSPITAL	BH	02-07-2020	09:22	1	5.190	1	6.547		0.816		3	12.553															-12.553	::

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We think this change in Waste Scanning practise will improve the HCF compliance to 100% and will reduce the Drivers time spent per HCF.

2] Drivers training



Over the last year we have seen that our drivers mark their attendance in each HCF by scanning the HCF bar code. There is 100% compliance even with new drivers on their 1st day of operation. We are moving to a Driver App where there is no data entry required. Based on our experience with drivers on the field we expect the new APP to get 100% usage from all drivers from day 1 itself.

The Driver has only one screen to use for the complete trip. The Screen to the left is what the driver uses. He only clicks on the Vehicle Icon to Start a trip, Scan an HCF, Scan bags or stop a trip.

This simple User Interface has made the driver training very simple.

3] Alerts for Bags in the field for more than 48 hrs

Now that the HCF is raising the request for Pickup, we can raise an Alert if the request is open for more than 48 hrs. You can know in real time where your vehicle needs to go on a priority. We have been able to reduce the dependency on phone calls and messages.

4] HCF refusing to pay or negotiating on the bill for service not provided properly.

One of the challenges the CTF faces is the HCF refusing to pay the complete Invoice. They give excuses like the vehicle did not come regularly OR the weight/count of bags is not correct.

End of the month we are providing a detailed report with Vehicle number and time of visit for each HCF during the billing period. This will be the supporting document for each Invoice. The HCF cannot give any excuse for non-payment.

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There are many more software designs in the plans, all based on the feedback we get from our customers and users of the software. Our goal is to help a CTF automate their operations without high end training of every employee. We treat our relationship as a partnership, where we design to fulfil all your needs. The business is always changing and so does the needs of the software. We should not be stuck negotiating all the time.

Any feedback on what needs to be designed is always welcome. You are all part of the Bio Medical Waste Management Industry and understand it better. Any advice from you is always golden words for us.

For sharing feedback or Enquiries, please contact

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