

Packing

- Packers have a list of jobs (three types of job) – Pickup, Delivery (pallet), Delivery (our driver)
- The list of jobs is dynamic – Patrick and Ewelina can change them around
- Patrick and Ewelina split jobs where they have render – to ensure two packers can work on the same job.
- Packer selects the top job (they don't know what it is except by the colour coding which signifies if it is pickup, pallet, our driver).

Picking a Pallet for Delivery

- List gets sent to PDA of packer (if there is a render element – this is sent to mixing 'screen')
 - We can develop simple app for tinting machines for tinting jobs. Once there is a job with tinting on it will create sub-job and show it on the tinting machine app. Then worker is working only on one app. We would need to connect all tinting machines to the network to allow this process. It would be possible to get "screen-shot" when material is tinted to keep a proof of what recipe has been used. This would need to be a button in the app to take a screenshot, so worker would need to click it when leaving the tinting window open aside.
- If it is a pallet delivery, picker can walk and print the sticker (no longer done by Ewelina / Patrick)
- Packer picks materials – for each line item they scan the barcode on the racking to help ensure they are picking the right products.
- This material is then packed on to a pallet / into tube / other packaging.
- Photo taken at this stage before any wrapping.
- Then pallet is taken to the fire wrapping area, mixed buckets are taken from mixing area and added to the pallet
- Packer marks item 'PACKED'
- Message gets sent to the fire wrapper's PDA to check the items, fire wrap, apply sticker and photo.
- Fire wrapper marks item as 'WRAPPED' and this is put on the truck.

Picking for our drivers

- Based on GPS location, the job will dynamically move to the top of the job list (20 miles from store?)
- List gets sent to PDA of packer (if there is a render element – this is sent to mixing 'screen')
- Packer picks materials – for each line item they scan the barcode on the racking to help ensure they are picking the right products.
- If render element, picker responsible for going to mixing area and getting the prepared buckets
- Materials are put in designated spot outside ready for driver arrival. If raining do we have Gazebo to keep materials dry?
- Photo taken with PDA.
- Packer marks item 'PACKED'
- Message gets sent to driver's PDA to check the items.
- Driver arrives, checks its and helps load truck.

Picking for pickup