

Overview of the BriteBin Solar Compacting Street Bin



ESF



IoT Litter bin options



COMPACTOR & NON-COMPACTOR VARIANTS AVAILABLE

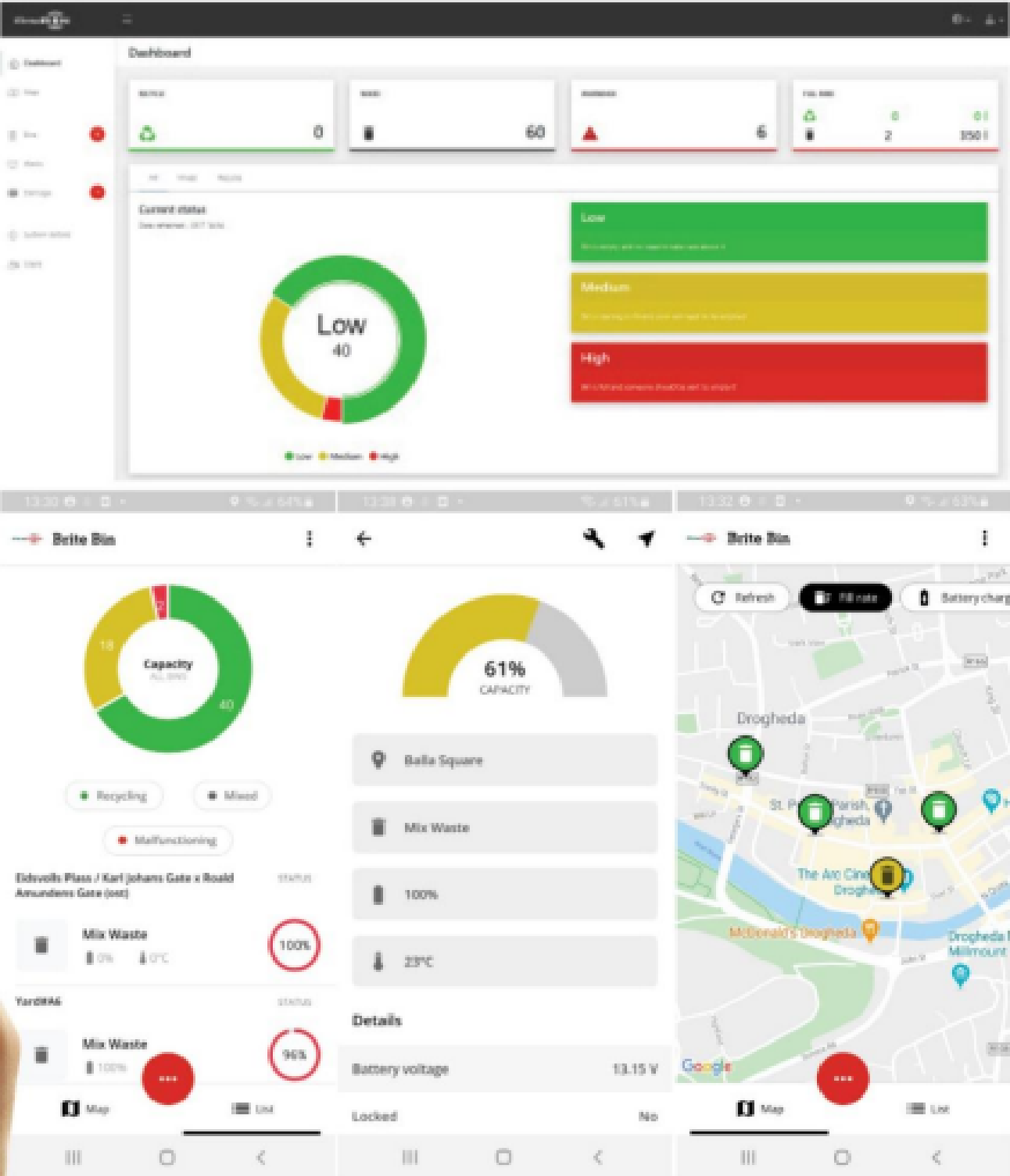
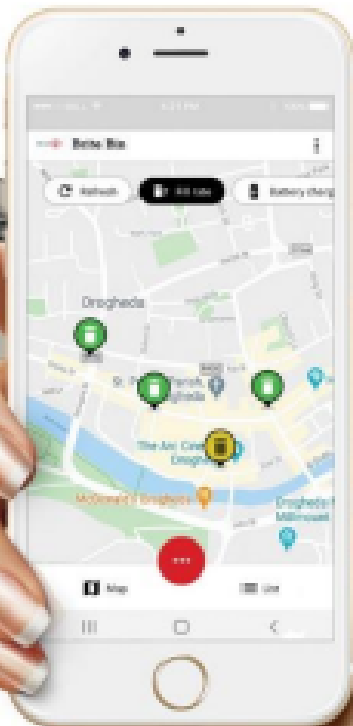
- 120 Litre / 240 Litre / 360 Litre
- Customisable Litter Flap or Hopper
- Service Door, Side, Rear or Front
- Heavy Duty Powder Coat Finish
- Foot Pedal Operation
- UV Protected Polycarbonate top



- Reduces number of bins required to manage litter
- Reduces collections traffic & associated emissions
- Reduces public disturbance related to collections
- Zero litter bin running costs
- Reduces overall cost of litter collection service
- Creates advertising revenue channel for Councils
- Reduces unsightly overflowing litter receptacles
- Removes litter bins as source of food for vermin

REDUCE
Street Litter
Collections
BY UP TO
90%

Our Solution is



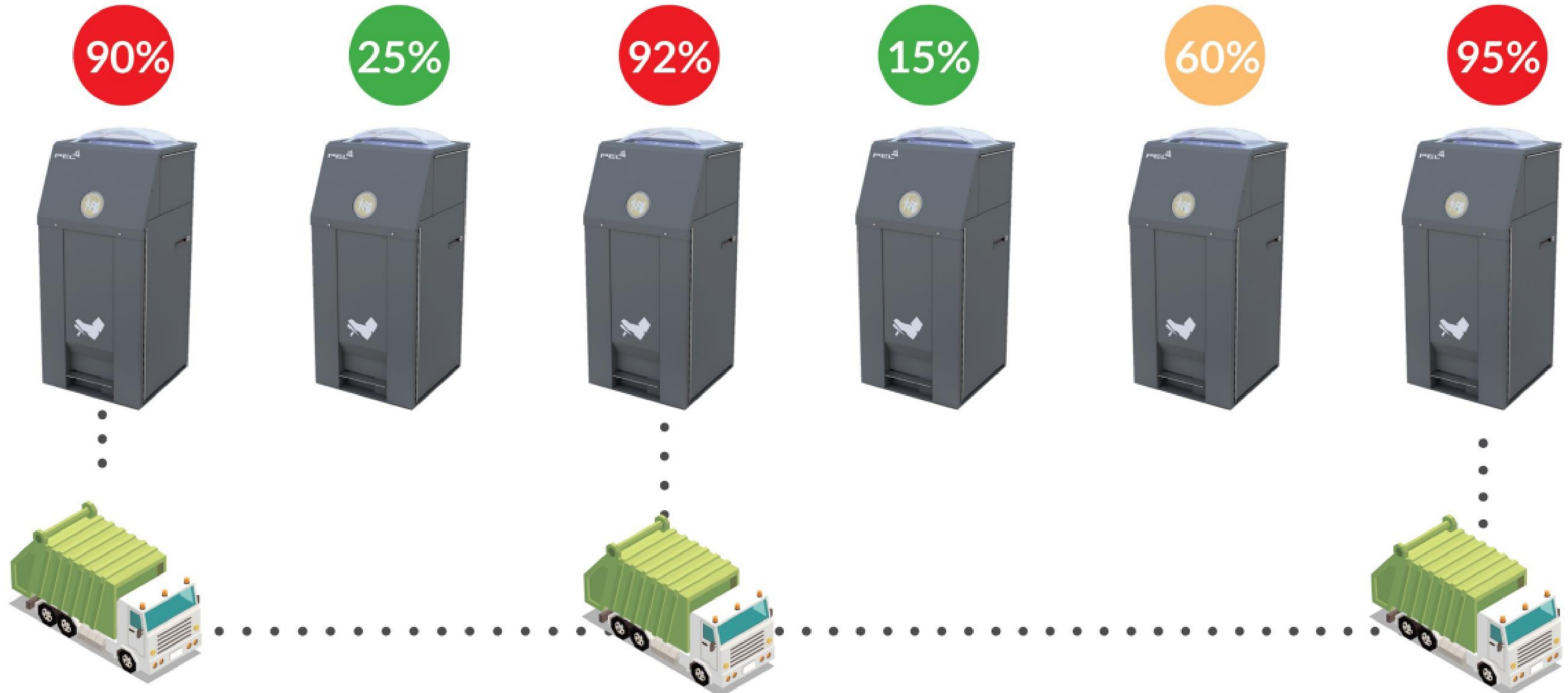


- On-board sensor reporting real time data
- Communicates route directly to drivers
- Detailed KPI reporting capability
- Sig-Fox / NBloT / GSM Network
- SMS & email alerts
- Allows optimum route planning
- Accurate bin fill status traffic light system

The ecosystem of the



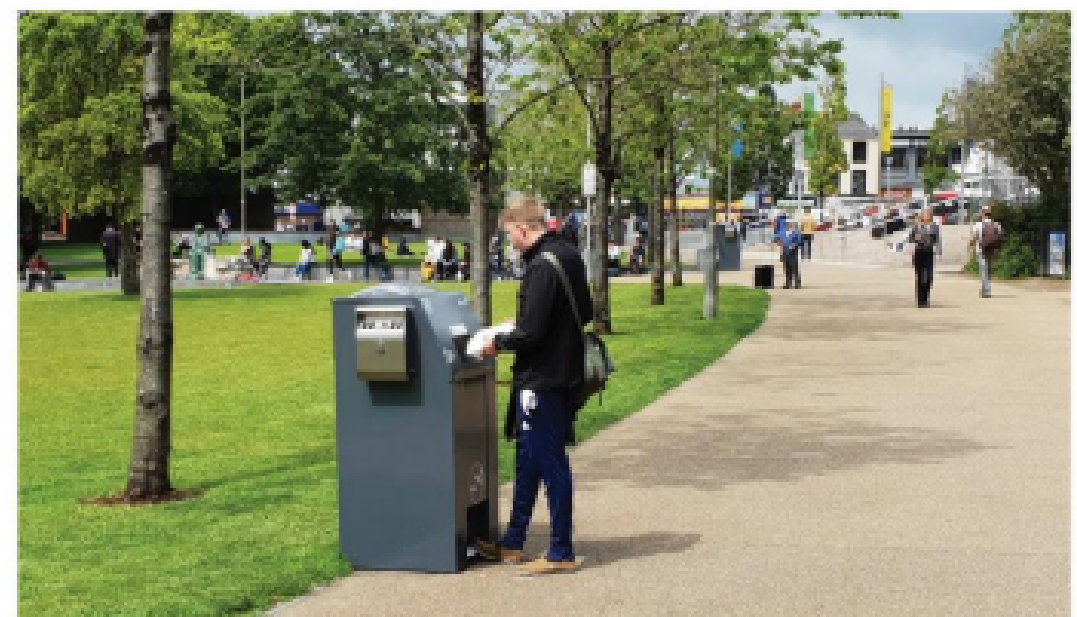
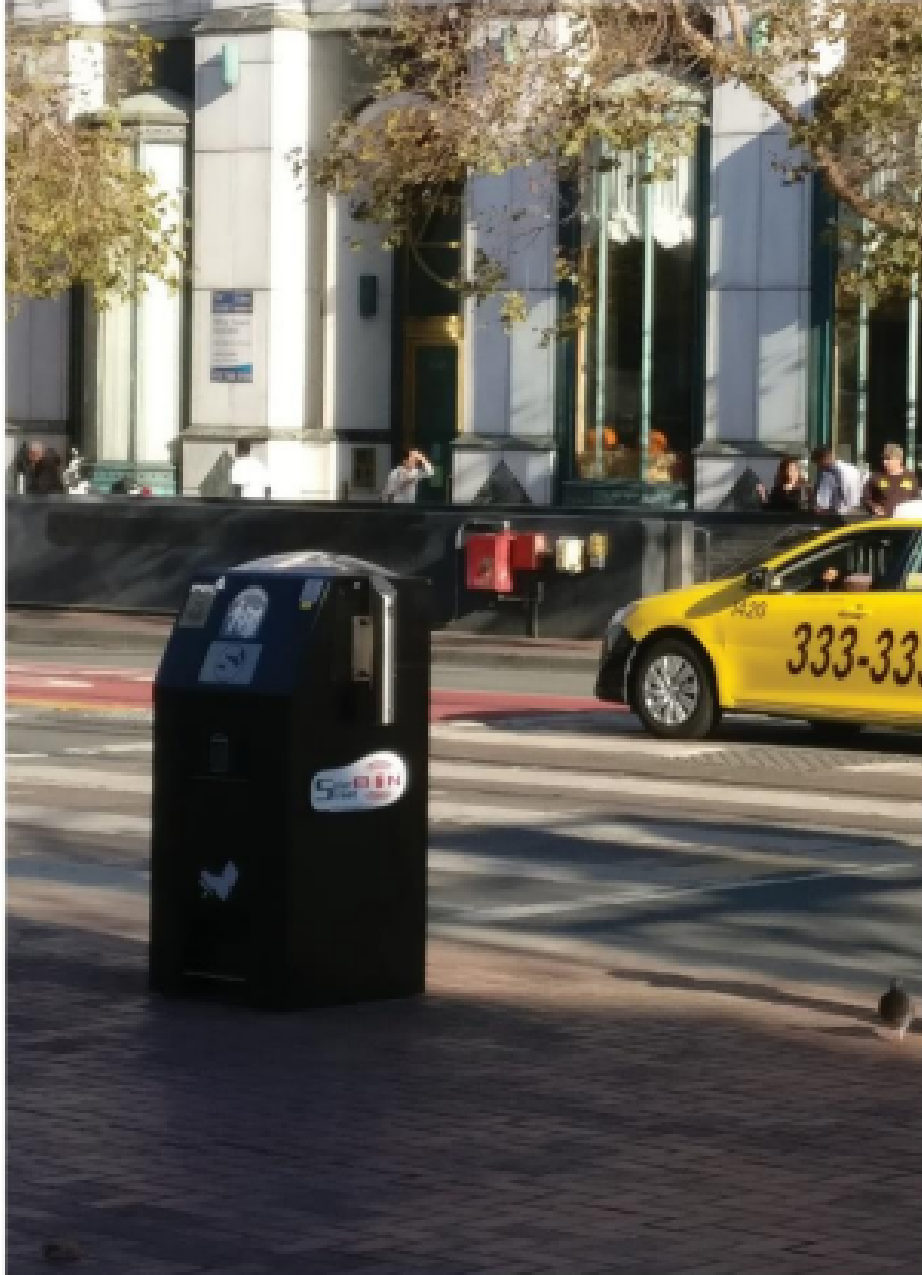
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Installations of the **BriteBIN**



Installations of the BriteBIN



Case study Galway City



Problem: Galway City installed the BriteBin Solar™ as part of a project investigating the potential of IoT Technologies to impact the efficiency of litter collections in the city.

BBS120 & BBS240 EVALUATION

Galway city is a busy pedestrian tourist destination - A fleet of BriteBin™ Solar were installed in high footfall areas across the city to determine if products could manage litter demand and reduce collection demands.

Post-Installation of BriteBin™

Alerts service allowing Galway City Council to reduce collections by 80% (emptied 4-5 times per day to once every second day) in busy pedestrian

areas along with significant reductions in traffic complaints, pollution & litter from overflowing unsightly bins especially in busy seasonal holiday times.



Case study North East Lincolnshire



Problem: The Council initiated a project to evaluate the benefits available from an IoT litter bin and how this technology could save on the council's overall litter collections costs North East Lincolnshire.

BBS120 & BBS240 EVALUATION

North East Lincolnshire Council installed four solar bins in 4 parks in July 2019. PEL conducted a site survey and determined that a waste station comprising on 1 x BriteBin™ 120ltr. for mixed recyclables and 1 x 120 Litre BriteBin™ Solar for general waste would be the optimum configuration to determine the value offered by an IoT litter bin.

Post-Installation of BriteBin™

Previously litter bins at Grimsby station required emptying or servicing at least 2-3 times per day.

This servicing requirement was reduced to 2-3 visits per week. The trial was a success, the council have a further 6 BriteBin™ Solar on order.



Additional Features

- Wifi Hotspot
- Environmental Sensors
- Fire Extinguisher
- Security Bins
- Rodent Control
- Phone Charging



Thank You!



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