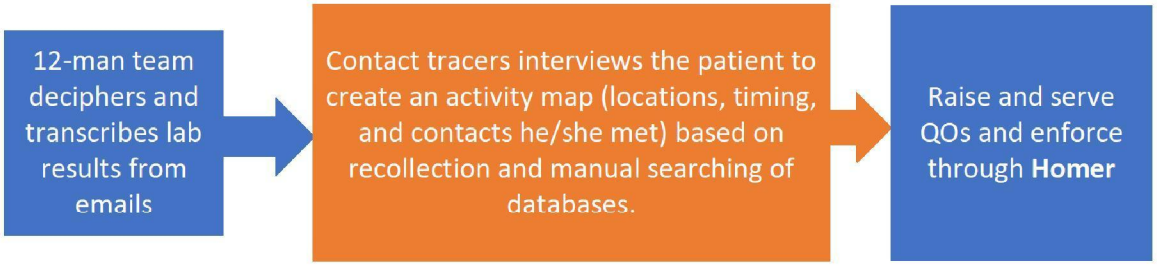
1. Contact Tracing and Testing

TraceTogether + SafeEntry data + admin data (VISION) to identidy close contacts;
QOs enforced by Homer)

Four Stages for Contact Tracing

Dates	Contact Tracing Regime
Before 18th May	**Stage 1: Manual Contact Tracing (MCT) Process** • MCT with no VISION / SafeEntry / TT data
18th May to 12th June	**Stage 2: MCT augmented with VISION / SafeEntry (SE)** • SafeEntry and other admin data pre-fills activity maps
12th June to 1 July	**Stage 3: MCT augmented with VISION / SE / TTv2** • List of TTv2 / household data quickly generated, but QOs for this list will only be raised when MCT is completed
1 July onwards	**Stage 4: Rapid Contact Tracing with TTv2** • Quickly raise QOs to TTv2 / household list, even before MCT is completed

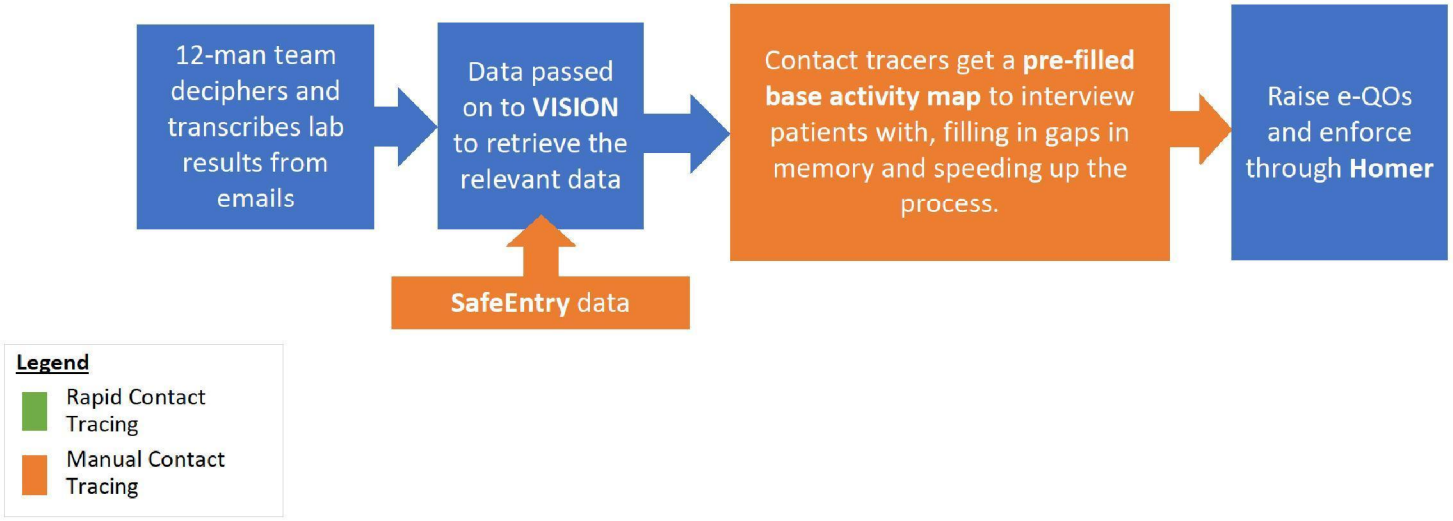
Stage 1: Manual Contact Tracing



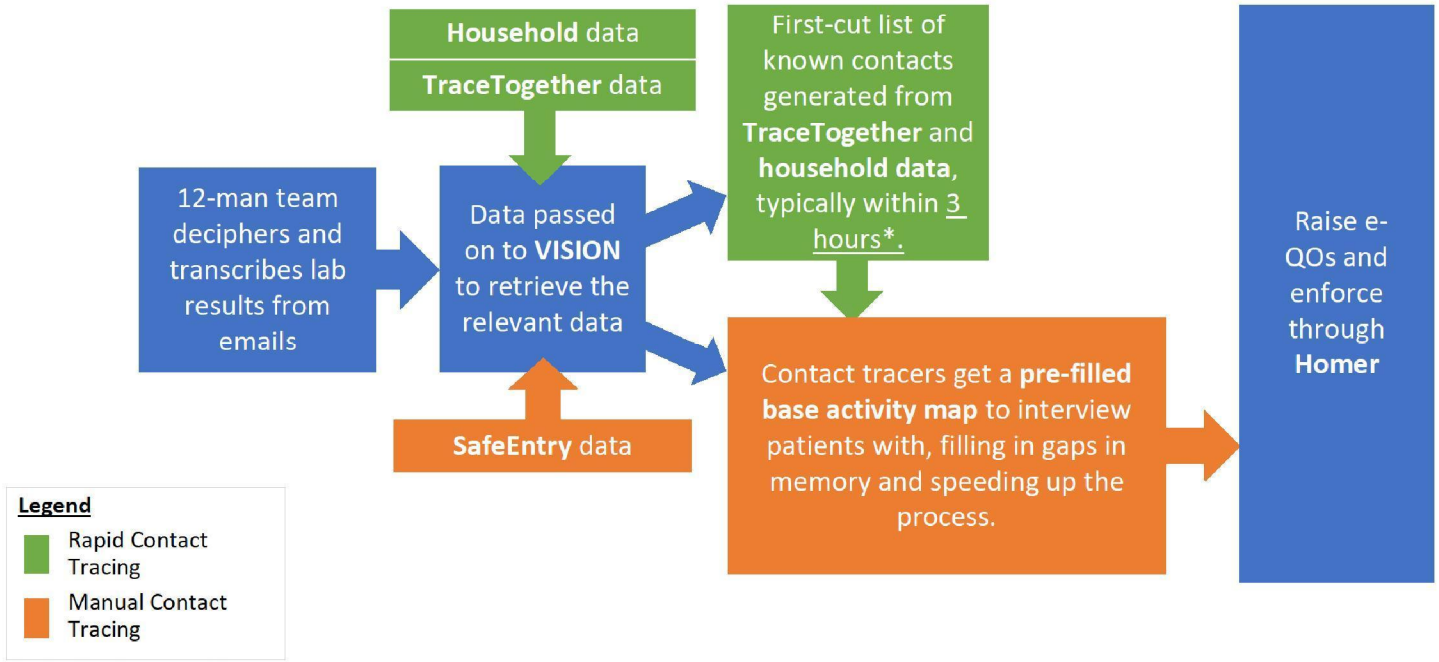
Legend

- Rapid Contact Tracing
- Manual Contact Tracing

Stage 2: Manual Contact Tracing augmented with VISION / SafeEntry

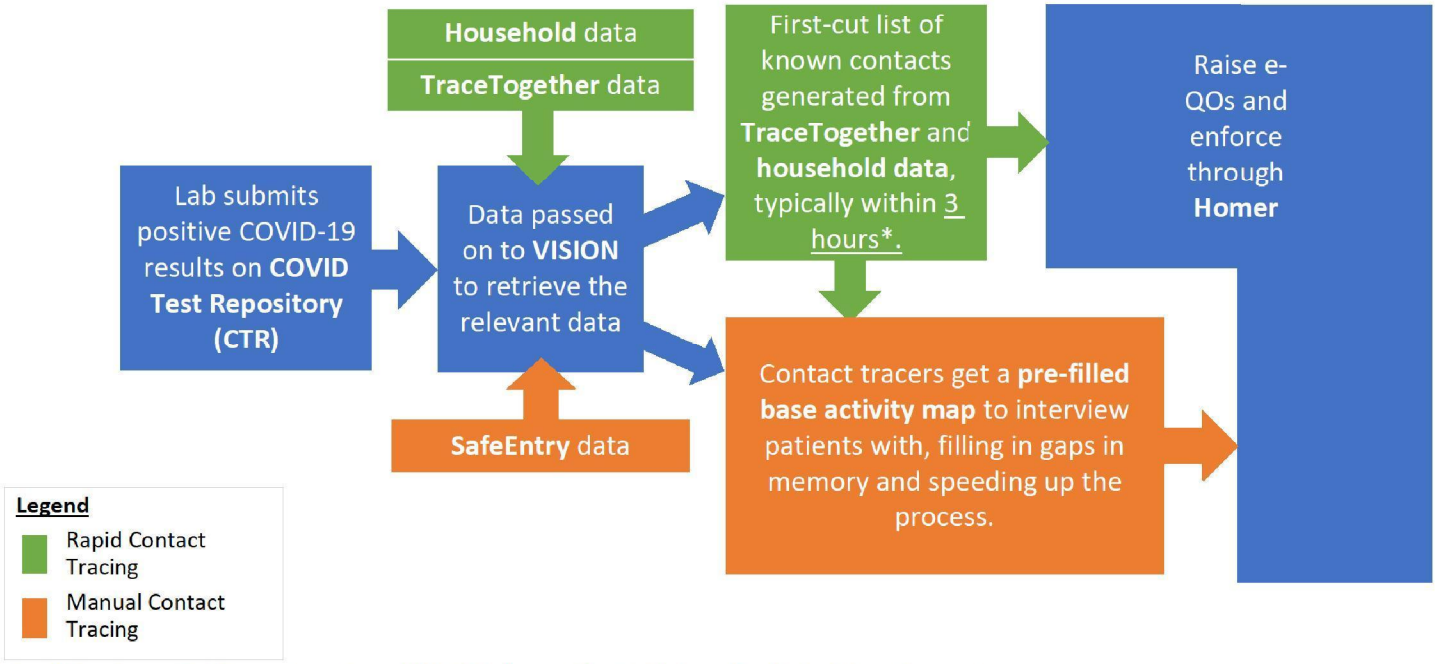


We are in Stage 3: Two parallel "engines" for contact tracing: rapid (TT-enabled) and manual, but the former is not firing independently yet



*Identifying household members from VISION takes **< 1 hr;** TT data uploaded **< 2 hrs** for most cases

Future Stage 4: Two parallel "engines" for contact tracing: rapid (TT-enabled) and manual, and the former fires independently



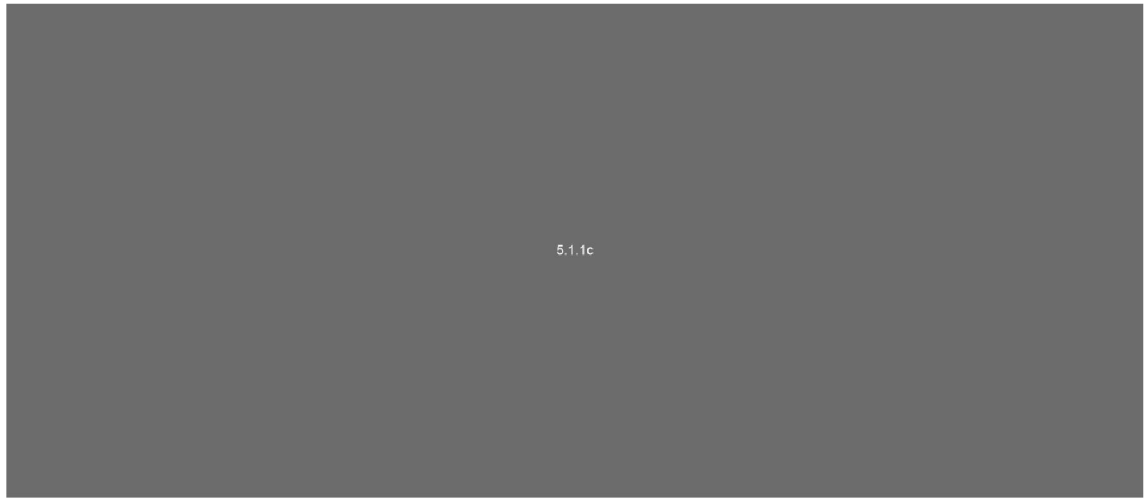
*Identifying household members from VISION takes **< 1 hr;** TT data uploaded **< 2 hrs** for most cases

We will be ready for Stage 4 by 1 July. For Stage 4 to be truly effective, we need widespread adoption of TraceTogether

1. We are resolving residual ops issues and digitalising the rapid contact tracing process end-to-end. We will be ready to transit to Stage 4 by 1st July.
2. We aim for significant reduction in time to raise QOs and ops scalability (to handle spikes in cases).
3. Beyond that, we will need **widespread adoption** of TraceTogether.
   a. **Increase the proportion of close contacts** covered by the rapid contact tracing engine, further reducing the average time required to raise QOs
   b. **Identifies contacts not covered by manual contact tracing** (MCT), eg travelers in public transport

TraceTogether will work in tandem with SafeEntry for contact tracing

1. **SafeEntry data can create a base activity map** for activity mapper to start their work in tracing the infected person's contacts.
   a. **Reduce the time taken for Manual Contact Tracing**, which is still required to trace people not covered by the TT / household data;
   b. **Ensure more comprehensive activity maps** as it fills in gaps in the person's memory.
2. We are exploring options to use **SafeEntry data to raise QOs** as well



2. Safe Distancing & Management

Enforcement Dashboard; Nudge individuals through **SpaceOut**

Enforcement Dashboard aids in enforcement of Safe Distancing and Management

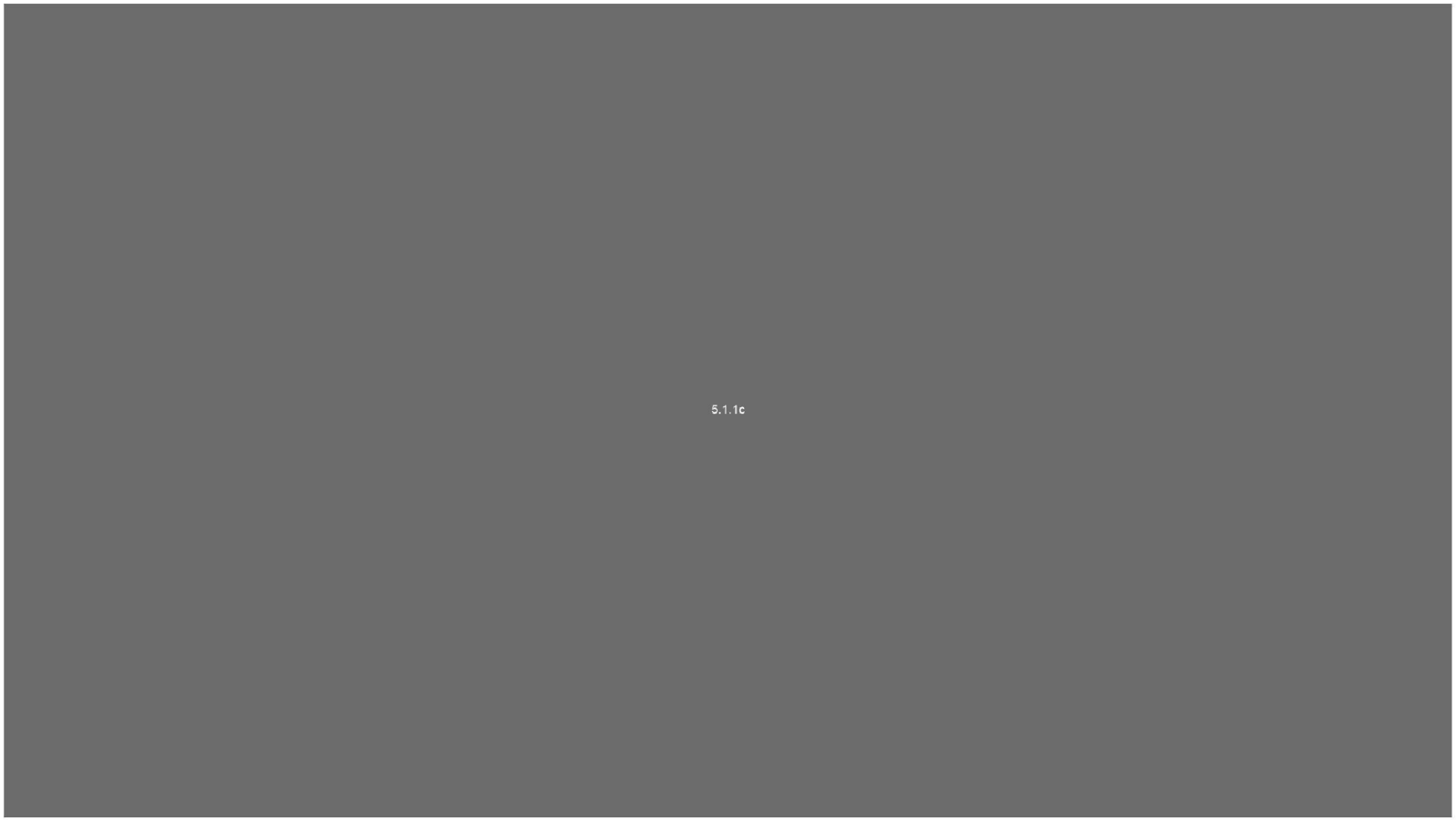
1. Helps agencies **optimize their deployment of ground officers** based on real-time information of where the crowded and enforcement hotspots are.

2. Enables **formulation of plans and strategies** based on observed trends.

3. Replaced > 50% of the taskforce's manual reporting duties.

4. Used for MEWR's Safe Distancing ops, and intention is to extend to aid enforcement of Safe Management regulations at workplaces [MOM, ESG, JTC] and at FW congregation hotspots [MOM]

5. Exploring more data sources, including people count from SafeEntry data and video feeds.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