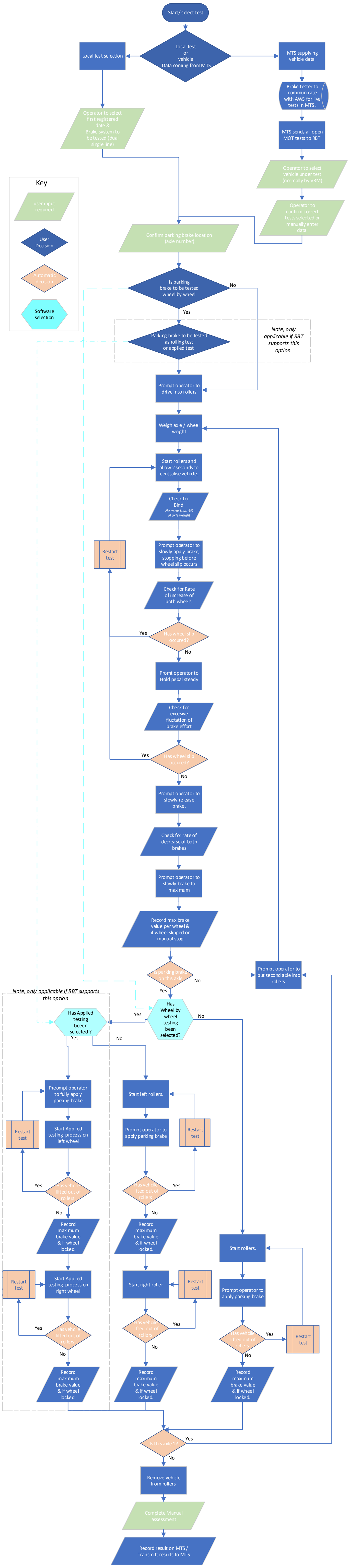
Start/ select test
Local test or vehicle Data coming from MTS
Local test selection
MTS supplying vehicle data
Brake tester to communicate with AWS for live tests in MTS .
MTS sends all open MOT tests to RBT
Operator to select first registered date & Brake system to be tested (dual single line)
Operator to select vehicle under test (normally by VRM)
Operator to confirm correct tests selected or manually enter data
Key
user input required
User Decision
Automatic decision
Software selection
Confirm parking brake location (axle number)
Is parking brake to be tested wheel by wheel
No
Yes
Parking brake to be tested as rolling test or applied test
Note, only applicable if RBT supports this option
Prompt operator to drive into rollers
Weigh axle / wheel weight
Start rollers and allow 2 seconds to centtalise vehicle.
Check for Bind
No more than 4% of axle weight
Restart test
Prompt operator to slowly apply brake, stopping before wheel slip occurs
Check for Rate of increase of both wheels
Has wheel slip occured?
Yes
No
Promt operator to Hold pedal steady
Check for excesive fluctation of brake effort
Has wheel slip occured?
Yes
No
Prompt operator to slowly release brake.
Check for rate of decrease of both brakes
Prompt operator to slowly brake to maximum
Record max brake value per wheel & if wheel slipped or manual stop
Is parking brake on this axle
No
Yes
Prompt operator to put second axle into rollers
Note, only applicable if RBT supports this option
Has Applied testing beeen selected ?
Yes
No
Has Wheel by wheel testing been selected?
Yes
No
Preompt operator to fully apply parking brake
Start Applied testing process on left wheel
Restart test
Has vehcile lifted out of rollers
Yes
No
Record maximum brake value & if wheel locked.
Start Applied testing process on right wheel
Restart test
Has vehcile lifted out of rollers
Yes
No
Record maximum brake value & if wheel locked.
Start left rollers.
Prompt operator to apply parking brake
Restart test
Has vehcile lifted out of rollers
Yes
No
Record maximum brake value & if wheel locked.
Start right roller
Restart test
Has vehcile lifted out of rollers
Yes
No
Record maximum brake value & if wheel locked.
Start rollers.
Prompt operator to apply parking brake
Has vehcile lifted out of rollers
Yes
No
Restart test
Record maximum brake value & if wheel locked.
Is this axle 1?
Yes
No
Remove vehicle from rollers
Complete Manual assessment
Record result on MTS / Transmitt results to MTS