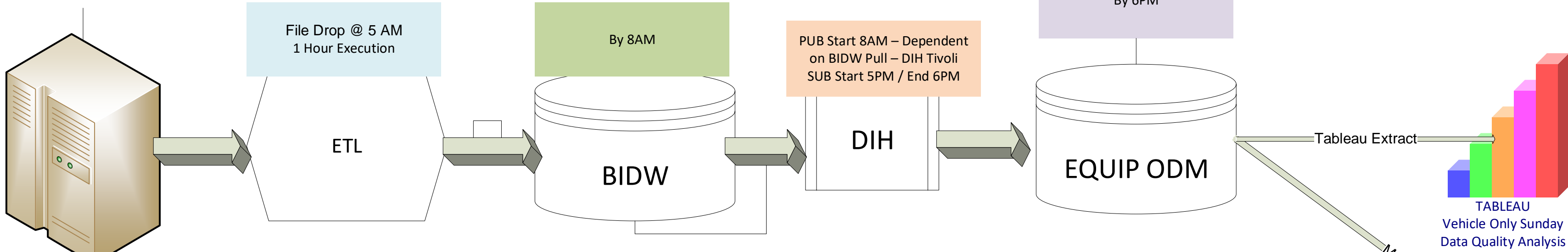# EQUIP Oracle Data Mart Data Flow
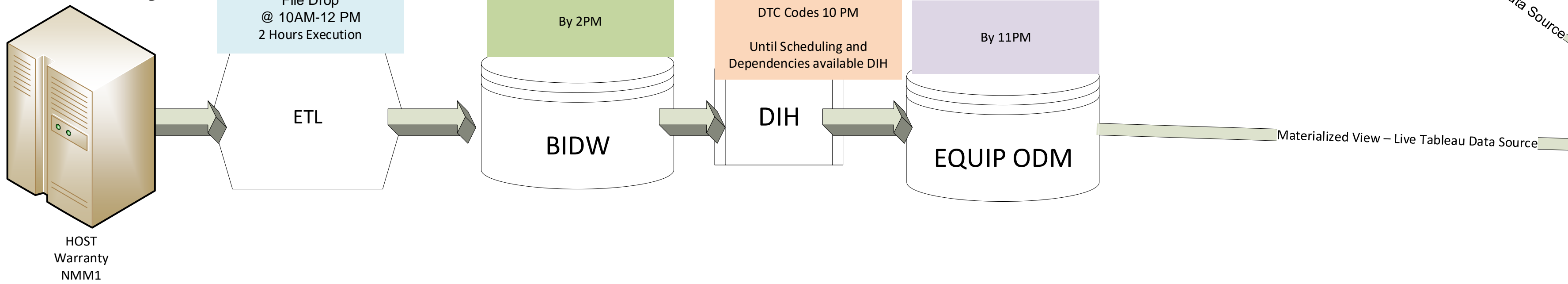# (TaskForce Application)

VEHICLES

Interim Solution to base DIH Subs on completion of BIDW jobs AND time constraint.
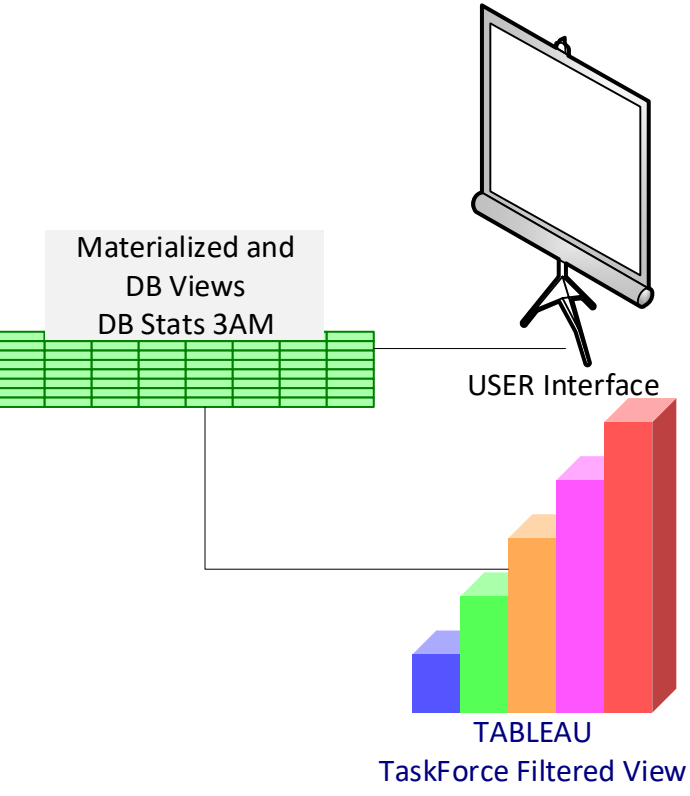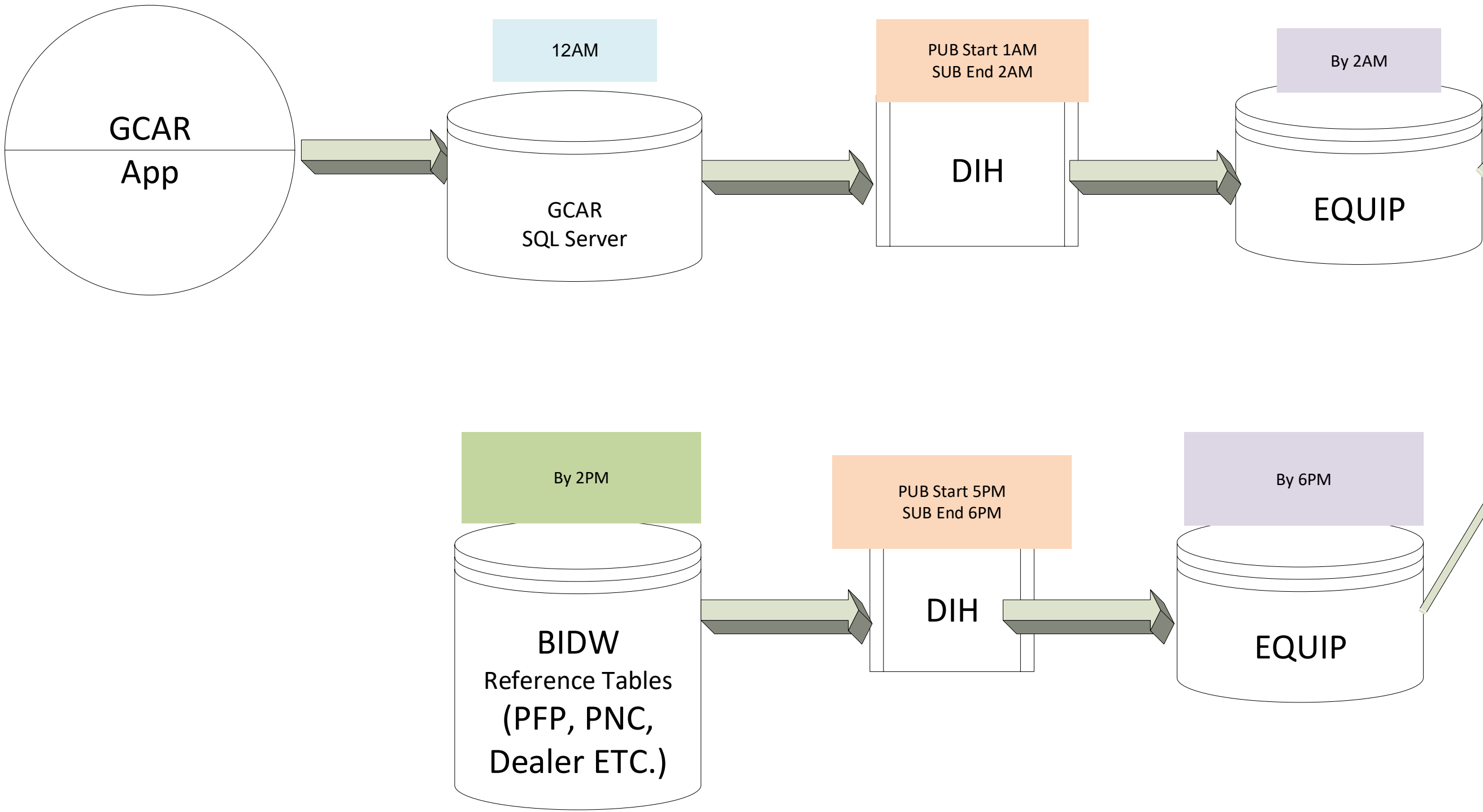
No updates to EQUIP DataMart before 5pm

When DIH 10.2 is available dependencies should be applied instead of time requirements.

File Drop @ 5 AM
1 Hour Execution

By 8AM

PUB Start 8AM – Dependent on BIDW Pull – DIH Tivoli SUB Start 5PM / End 6PM

By 6PM

ETL

BIDW

DIH

EQUIP ODM

HOST NMC1

Tableau Extract

TABLEAU
Vehicle Only Sunday Data Quality Analysis

Materialized View – Live Tableau Data Source

Warranty

Main Claim PUB Start 7PM
SUB End 8:30 PM

Comments 9:30 PM
Parts 10 PM
Operations 11 PM

DTC Codes 10 PM

Until Scheduling and Dependencies available DIH

File Drop @ 10AM-12 PM
2 Hours Execution

By 2PM

By 11PM

ETL

BIDW

DIH

EQUIP ODM

HOST Warranty NMM1

Materialized View – Live Tableau Data Source

GCARS

12AM

PUB Start 1AM
SUB End 2AM

By 2AM

GCAR App

GCAR SQL Server

DIH

EQUIP

Materialized View – Live Tableau Data Source

By 2PM

PUB Start 5PM
SUB End 6PM

By 6PM

BIDW Reference Tables (PFP, PNC, Dealer ETC.)

DIH

EQUIP

Materialized and DB Views
DB Stats 3AM

USER Interface
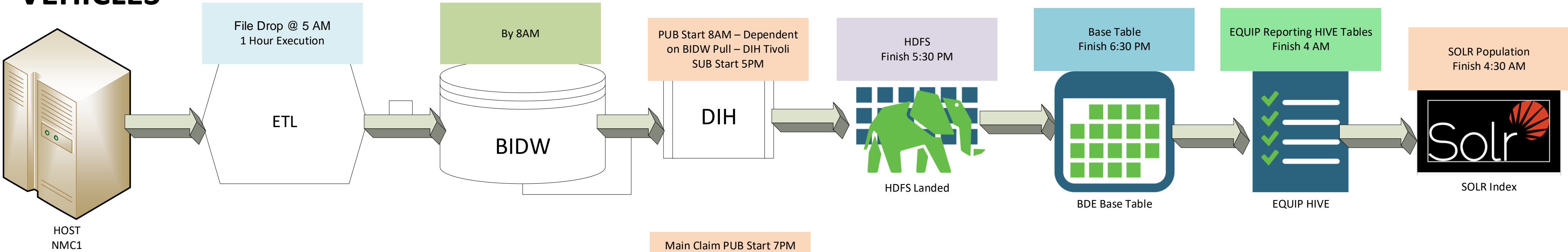
TABLEAU
TaskForce Filtered View

BDE EQUIP Data Flow - (EQUIP Reporting Application)

Interim Solution to base DIH Subs on completion of BIDW jobs AND time constraint.
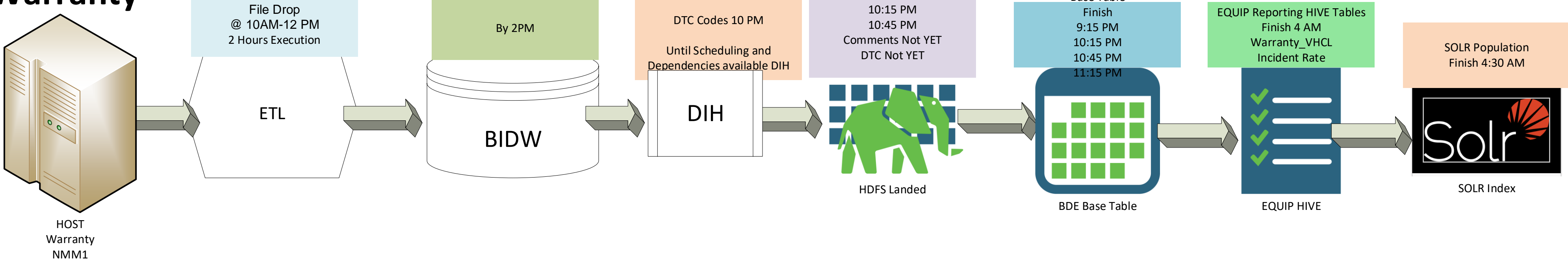
No updates to EQUIP DataMart before 5pm

When DIH 10.2 is available dependencies should be applied instead of time requirements.
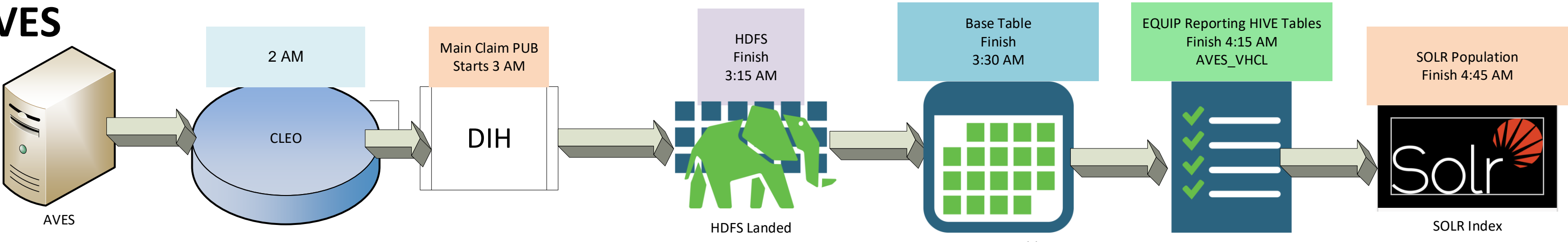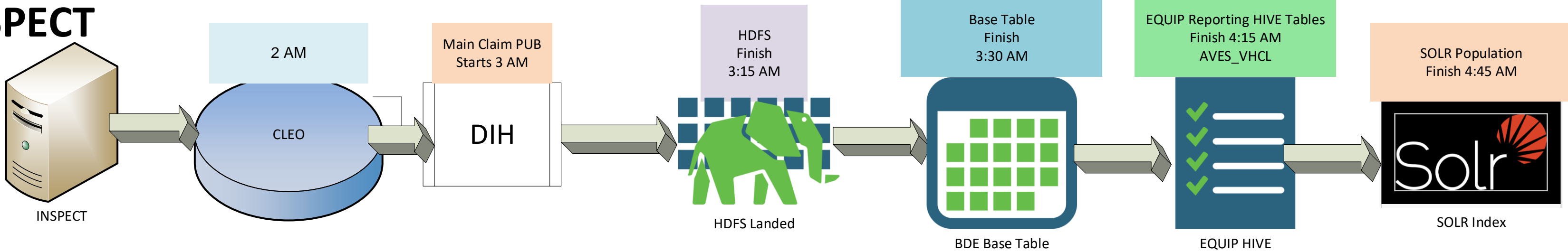
VEHICLES

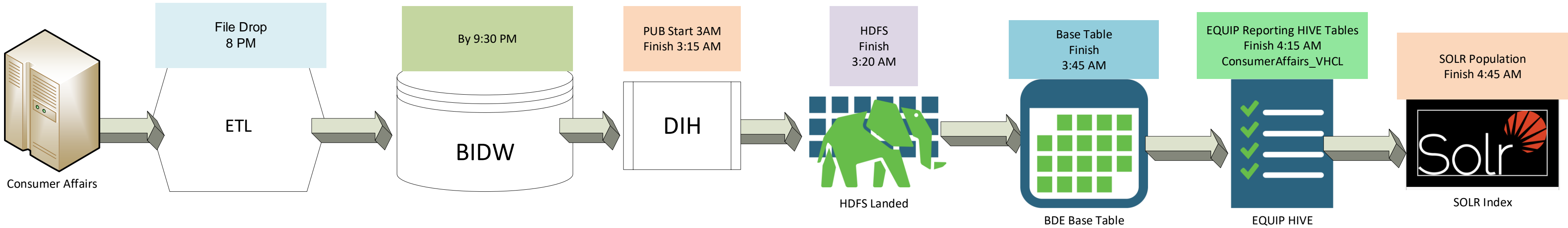File Drop @ 5 AM
1 Hour Execution

By 8AM

PUB Start 8AM – Dependent on BIDW Pull – DIH Tivoli SUB Start 5PM

HDFS Finish 5:30 PM

Base Table Finish 6:30 PM

EQUIP Reporting HIVE Tables Finish 4 AM

SOLR Population Finish 4:30 AM

ETL · BIDW · DIH · HDFS Landed · BDE Base Table · EQUIP HIVE · SOLR Index

HOST NMC1

tableau

Warranty

File Drop @ 10AM-12 PM
2 Hours Execution

By 2PM

Main Claim PUB Start 7PM
SUB End 8:30 PM

Comments 9:30 PM
Parts 10 PM
Operations 11 PM

DTC Codes 10 PM

Until Scheduling and Dependencies available DIH

HDFS Finish
Claim 8:15 PM
9:45 PM
10:15 PM
10:45 PM
Comments Not YET
DTC Not YET

Base Table Finish
9:15 PM
10:15 PM
10:45 PM
11:15 PM

EQUIP Reporting HIVE Tables Finish 4 AM
Warranty_VHCL Incident Rate

SOLR Population Finish 4:30 AM

ETL · BIDW · DIH · HDFS Landed · BDE Base Table · EQUIP HIVE · SOLR Index

HOST Warranty NMM1

AVES

2 AM

Main Claim PUB Starts 3 AM

HDFS Finish 3:15 AM

Base Table Finish 3:30 AM

EQUIP Reporting HIVE Tables Finish 4:15 AM AVES_VHCL

SOLR Population Finish 4:45 AM

CLEO · DIH · HDFS Landed · BDE Base Table · EQUIP HIVE · SOLR Index

AVES

INSPECT

2 AM

Main Claim PUB Starts 3 AM

HDFS Finish 3:15 AM

Base Table Finish 3:30 AM

EQUIP Reporting HIVE Tables Finish 4:15 AM AVES_VHCL

SOLR Population Finish 4:45 AM

CLEO · DIH · HDFS Landed · BDE Base Table · EQUIP HIVE · SOLR Index

INSPECT

Consumer Affairs

File Drop 8 PM

By 9:30 PM

PUB Start 3AM Finish 3:15 AM

HDFS Finish 3:20 AM

Base Table Finish 3:45 AM

EQUIP Reporting HIVE Tables Finish 4:15 AM ConsumerAffairs_VHCL

SOLR Population Finish 4:45 AM

ETL · BIDW · DIH · HDFS Landed · BDE Base Table · EQUIP HIVE · SOLR Index

Consumer Affairs

TechLine

File Drop 11 PM

By 12:30 AM

PUB Start 3AM Finish 3:05 AM

HDFS Finish 3:10 AM

Base Table Finish 3:45 AM

EQUIP Reporting HIVE Tables Finish 4:15 AM ConsumerAffairs_VHCL

SOLR Population Finish 4:45 AM

ETL · BIDW · DIH · HDFS Landed · BDE Base Table · EQUIP HIVE · SOLR Index

TECHLINE