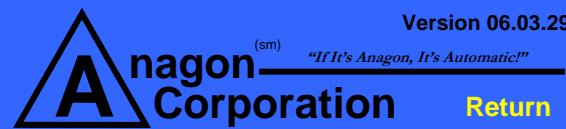
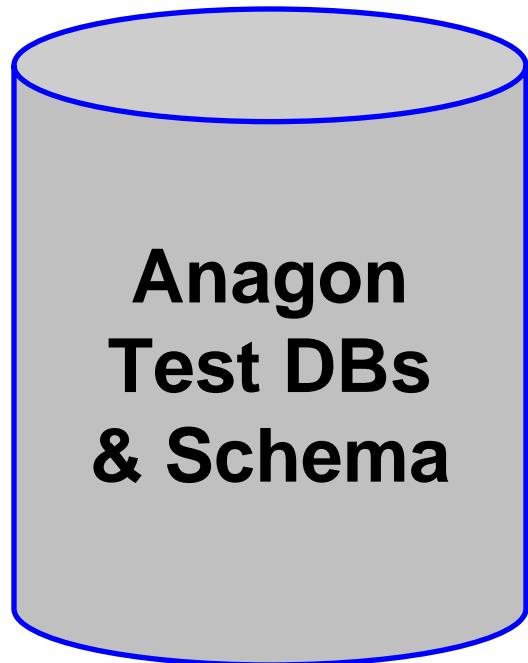


Anagon Database Details

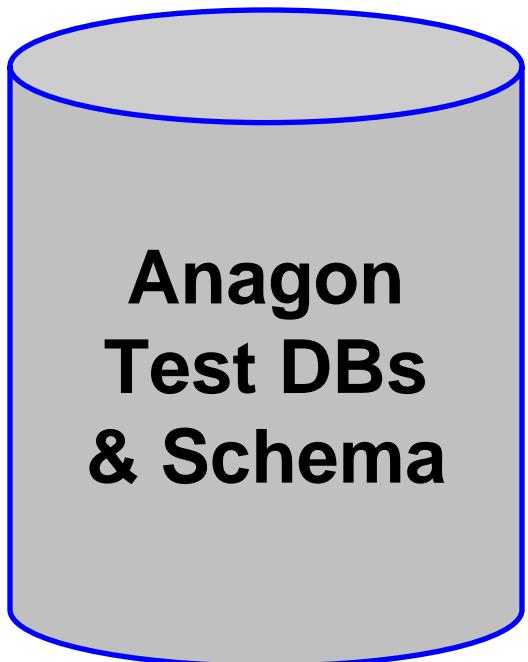
[Return](#)

Anagon Test Databases & Schema Provide Key Enabling Technology For Test Information Architecture.

Fourth Generation Design Optimized For
Manufacturing Test & Test Information.

Designed On Industry Standard Microsoft
SQL Server For Easy Client IT Integration.

Scalable, Professional Strength, High
Performance, Enterprise Databases.



Anagon Test DBs & Schema

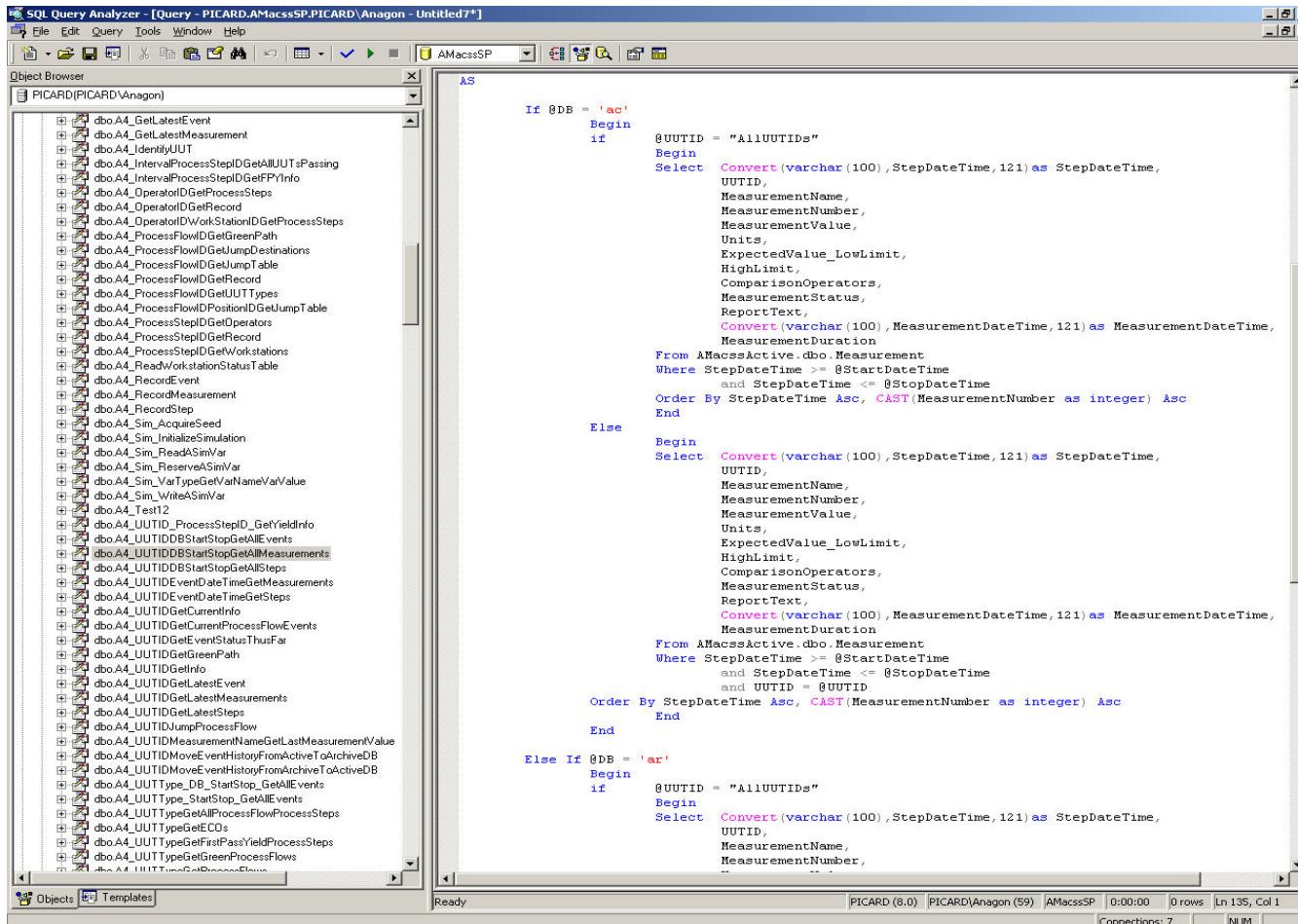
Anagon Test Databases & Schema Provide Key Enabling Technology For Test Information Architecture.

Industrial Strength Microsoft SQL Server
Security, Password Protection, & Backup.

Extensive Use Of Transact-SQL Stored
Procedures.

Internet Ready Now; .Net Compatible Into
The Foreseeable Future!

Much Anagon Code Is Embodied In Transact-SQL Stored Procedures



```

SQL Query Analyzer - [Query - PICARD.AMacssSP.PICARD\Anagon - Untitled7*]
File Edit Query Tools Window Help
Object Browser
PICARD\PICARD\Anagon
dbo.A4_GetLatestEvent
dbo.A4_GetLatestMeasurement
dbo.A4_IdentityUUT
dbo.A4_IntervalProcessStepIDGetAllUUTsPassing
dbo.A4_IntervalProcessStepIDGetPvInfo
dbo.A4_OperatorIDGetProcessSteps
dbo.A4_OperatorIDGetRecord
dbo.A4_OperatorIDWorkStationIDGetProcessSteps
dbo.A4_ProcessFlowIDGetGreenPath
dbo.A4_ProcessFlowIDGetJumpDestinations
dbo.A4_ProcessFlowIDGetJumpTable
dbo.A4_ProcessFlowIDGetRecord
dbo.A4_ProcessFlowIDGetUUTTypes
dbo.A4_ProcessFlowIDPositionIDGetJumpTable
dbo.A4_ProcessStepIDGetOperators
dbo.A4_ProcessStepIDGetRecord
dbo.A4_ProcessStepIDGetWorkstations
dbo.A4_ReadUUTStationStatusTable
dbo.A4_RecordEvent
dbo.A4_RecordMeasurement
dbo.A4_RecordStep
dbo.A4_Sim_AcquireSeed
dbo.A4_Sim_InitializeSimulation
dbo.A4_Sim_ReadASimVar
dbo.A4_Sim_ReserveASimVar
dbo.A4_Sim_VarTypeGetVarNameVarValue
dbo.A4_Sim_WriteASimVar
dbo.A4_Test12
dbo.A4_UUTID_ProcessStepID_GetYieldInfo
dbo.A4_UUTIDDBStartStopGetAllEvents
dbo.A4_UUTIDDBStartStopGetAllMeasurements
dbo.A4_UUTIDEventDateIDGetMeasurements
dbo.A4_UUTIDEventDateIDGetSteps
dbo.A4_UUTIDGetCurrentInfo
dbo.A4_UUTIDGetCurrentProcessFlowEvents
dbo.A4_UUTIDGetEventStatusThusFar
dbo.A4_UUTIDGetGreenPath
dbo.A4_UUTIDGetInfo
dbo.A4_UUTIDGetLatestEvent
dbo.A4_UUTIDGetLatestMeasurements
dbo.A4_UUTIDGetLatestSteps
dbo.A4_UUTIDJumpProcessFlow
dbo.A4_UUTIDMeasurementNameGetLastMeasurementValue
dbo.A4_UUTIDMoveEventHistoryFromActiveToArchiveDB
dbo.A4_UUTIDMoveEventHistoryFromArchiveToActiveDB
dbo.A4_UUTType_DB_StartStop_GetAllEvents
dbo.A4_UUTType_StartStop_GetAllEvents
dbo.A4_UUTTypeGetAllProcessFlowProcessSteps
dbo.A4_UUTTypeGetECOs
dbo.A4_UUTTypeGetFirstPassYieldProcessSteps
dbo.A4_UUTTypeGetGreenProcessFlows
dbo.A4_UUTTypeGetProcessFlowProcessSteps

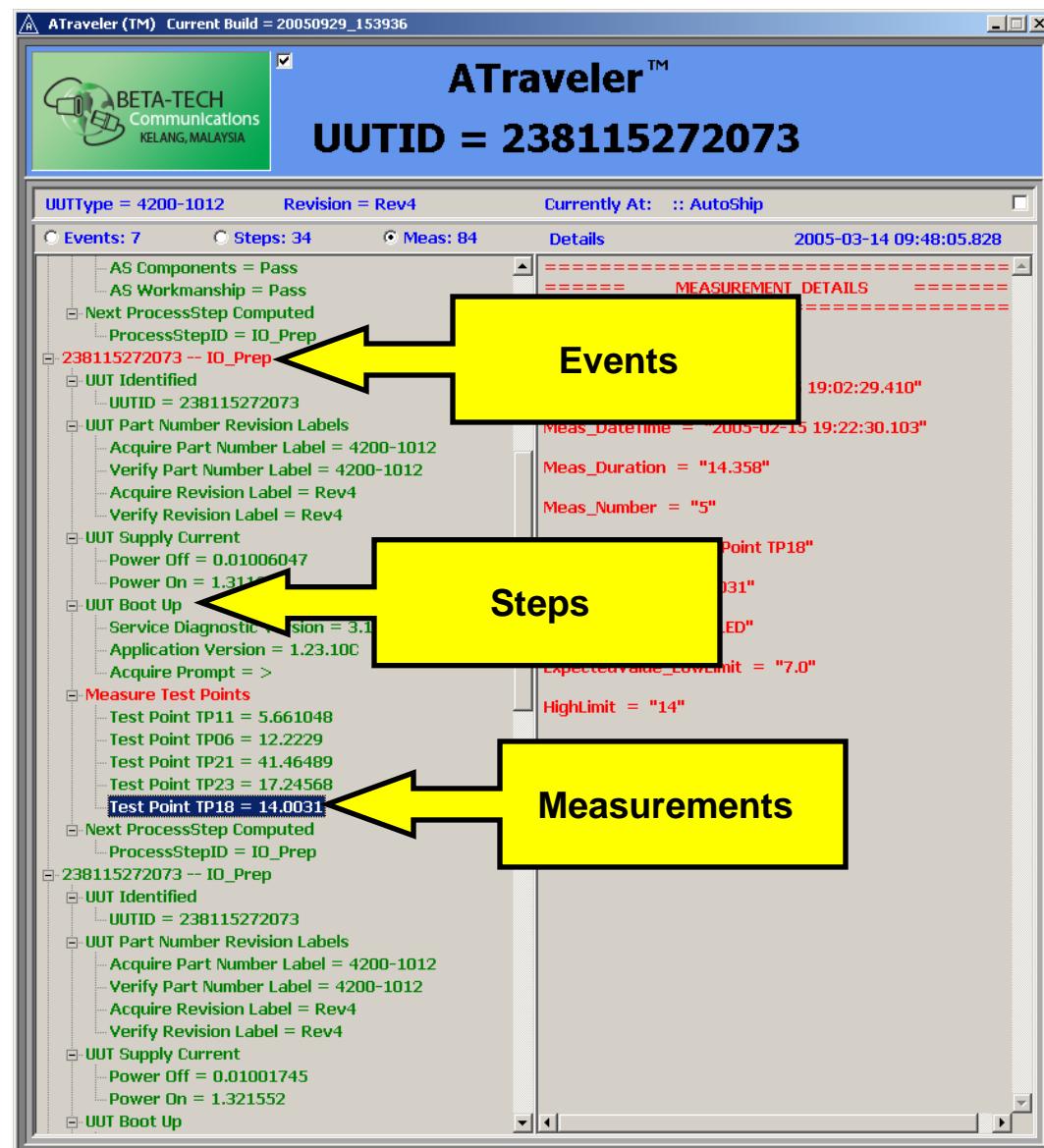
```

```

AS

If BDB = 'ac'
Begin
  if @UUTID = "AllUUTIDs"
  Begin
    Select Convert(varchar(100),StepDateTime,121) as StepDateTime,
    UUTID,
    MeasurementName,
    MeasurementNumber,
    MeasurementValue,
    Units,
    ExpectedValue_LowLimit,
    HighLimit,
    ComparisonOperators,
    MeasurementStatus,
    ReportText,
    Convert(varchar(100),MeasurementDateTime,121) as MeasurementDateTime,
    MeasurementDuration
    From AMacssActive.dbo.Measurement
    Where StepDateTime >= @StartTime
      and StepDateTime <= @StopDateTime
    Order By StepDateTime Asc, CAST(MeasurementNumber as integer) Asc
  End
  Else
  Begin
    Select Convert(varchar(100),StepDateTime,121) as StepDateTime,
    UUTID,
    MeasurementName,
    MeasurementNumber,
    MeasurementValue,
    Units,
    ExpectedValue_LowLimit,
    HighLimit,
    ComparisonOperators,
    MeasurementStatus,
    ReportText,
    Convert(varchar(100),MeasurementDateTime,121) as MeasurementDateTime,
    MeasurementDuration
    From AMacssActive.dbo.Measurement
    Where StepDateTime >= @StartTime
      and StepDateTime <= @StopDateTime
      and UUTID = @UUTID
    Order By StepDateTime Asc, CAST(MeasurementNumber as integer) Asc
  End
End
Else If BDB = 'ar'
Begin
  if @UUTID = "AllUUTIDs"
  Begin
    Select Convert(varchar(100),StepDateTime,121) as StepDateTime,
    UUTID,
    MeasurementName,
    MeasurementNumber,
    ...
  End
End

```

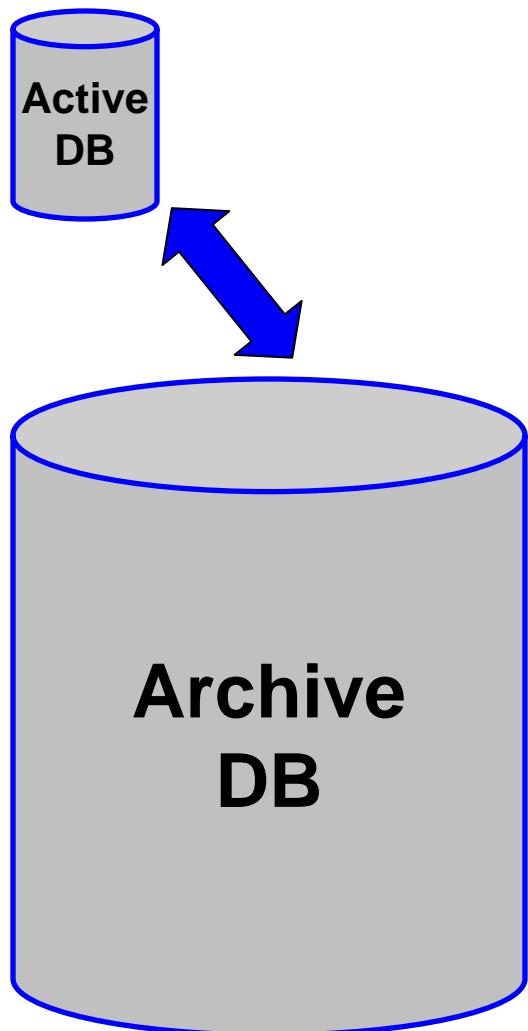


Anagon Systems Instantly Organizes Tester Data Into Hierarchical UUT Information.

Events Record What Happens To A Specific UUT During A ProcessStep (Usually Via A Test Sequence.)

Steps Record Major Test Missions (IE: Verifying UUT Boot Up).

Measurements Record Details Of Electronic Tests And Process Actions.



Anagon's Floor DB Architecture Employs Active And Archive DBs

The Active DB Is Optimized For Size And Performance And Represents Only UUT's That Are On The Floor Right Now.

The Archive DB Monotonically Increases Over The Life Of The Products And Contains Histories Of Every UUT Ever Made.

Standard IT Maintenance And Backup Can Be Scheduled Periodically Depending On Policy, Using Industry Standard Tools.