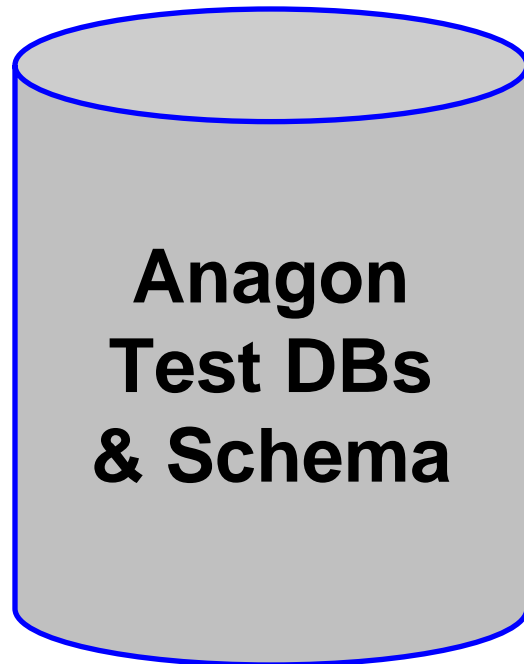


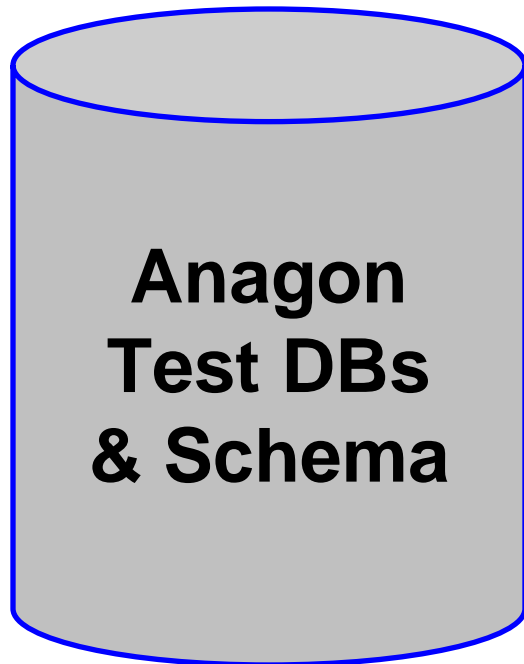
## Anagon Test Databases & Schema Provide Key Enabling Technology For Test Information Architecture.



Fourth Generation Design Optimized For  
Manufacturing Test & Test Information.

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

Scaleable, Professional Strength, High  
Performance, Enterprise Databases.



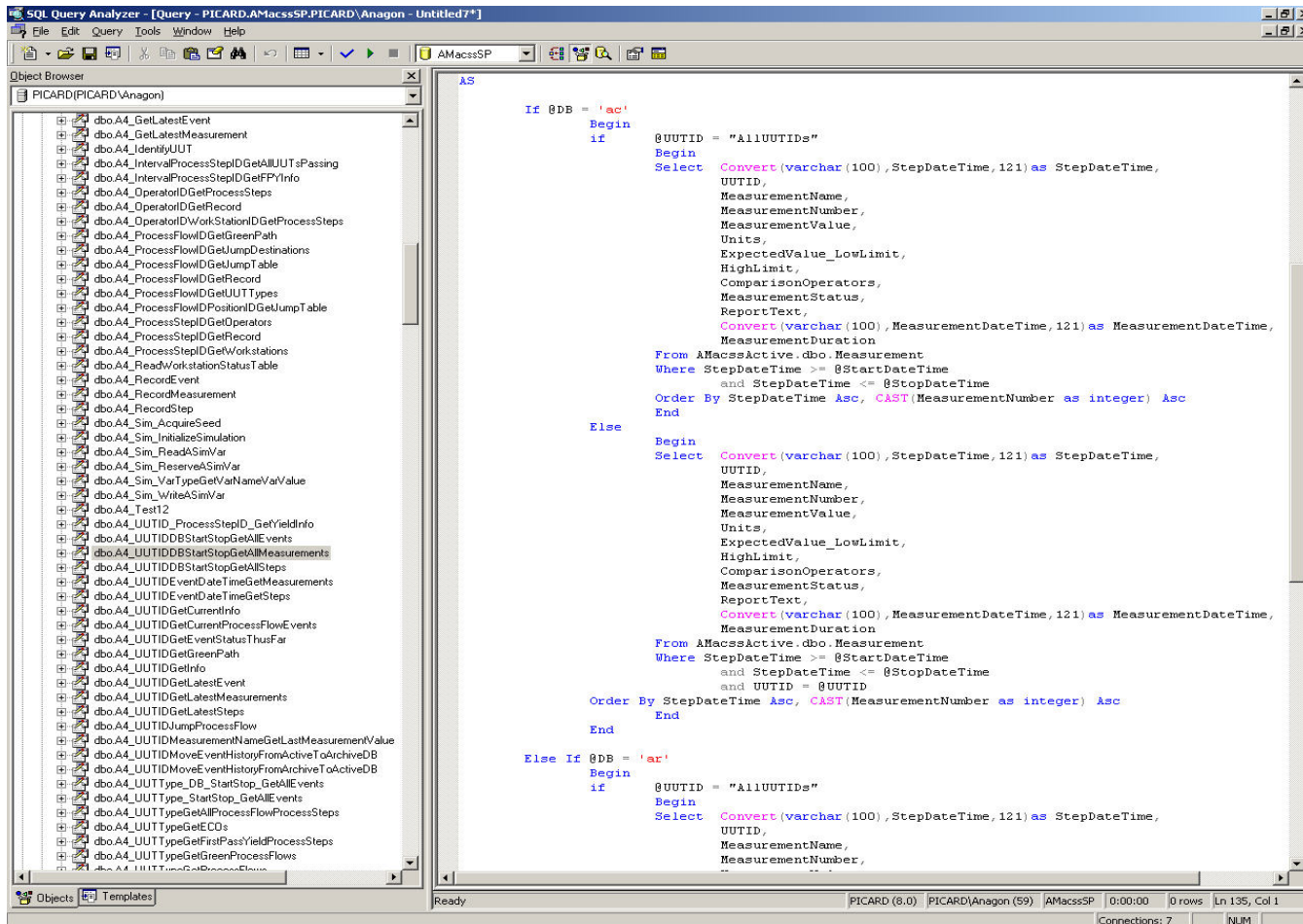
## Anagon Test Databases & Schema Provide Key Enabling Technology For Test Information Architecture.

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

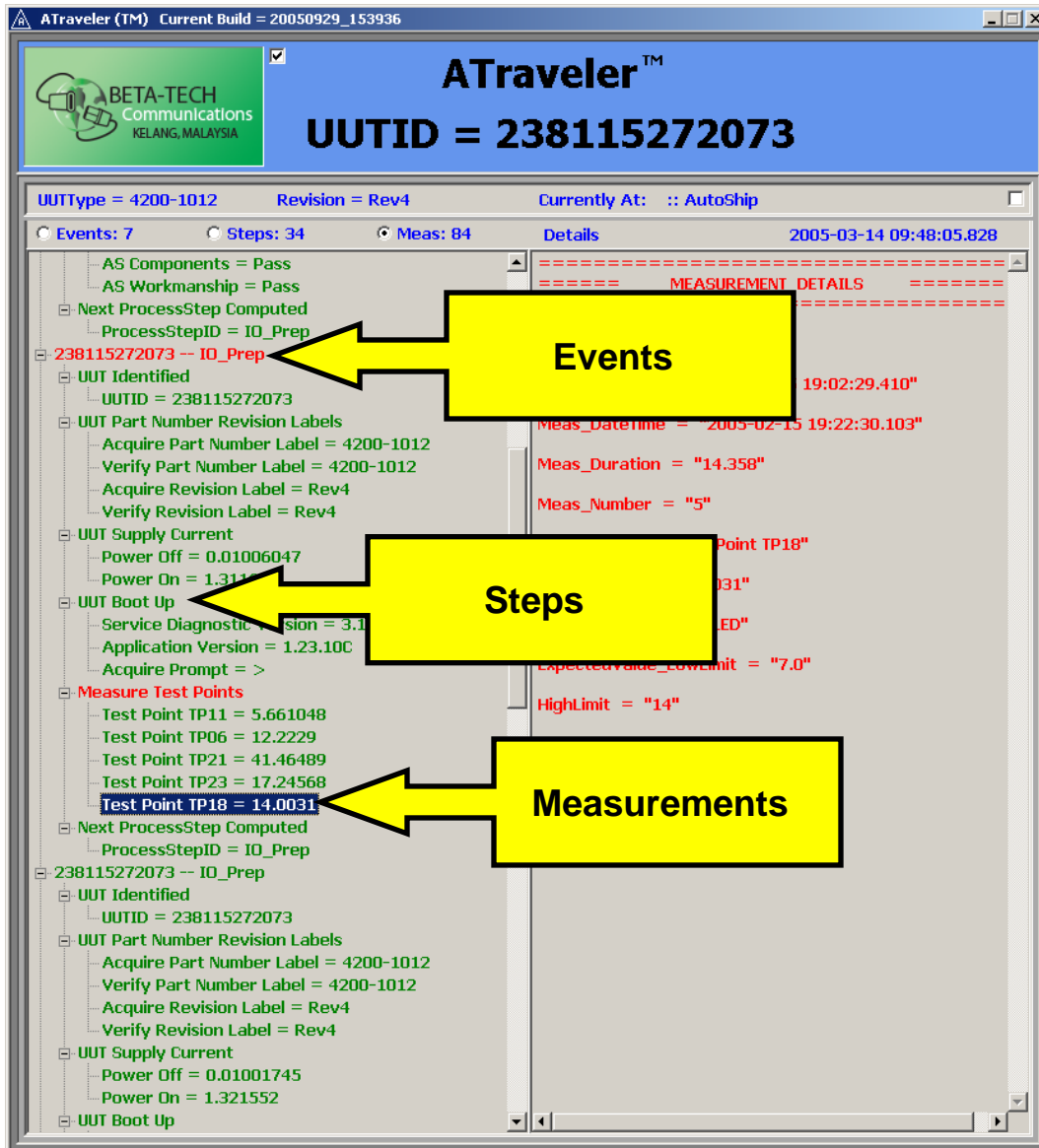


The screenshot displays the SQL Query Analyzer interface. The left pane shows the Object Browser with a tree view of the database schema, including various stored procedures under the 'dbo' namespace. The main window displays a T-SQL query for a stored procedure named 'AS'. The query is a conditional procedure that handles two different database configurations: 'ac' and 'ar'.

```

If @DB = '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 >= @StartDateTime
        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 >= @StartDateTime
        and StepDateTime <= @StopDateTime
        and UUTID = @UUTID
    End
  End
Else If @DB = 'ar'
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 >= @StartDateTime
        and StepDateTime <= @StopDateTime
        and UUTID = @UUTID
    End
  End
End
  
```

The status bar at the bottom indicates the current context: PICARD (8.0) PICARD/Anagon (59) AMacssSP, with 0 rows selected and the cursor at line 135, column 1. The status is 'Ready'.



ATraveler (TM) Current Build = 20050929\_153936

**BETA-TECH**  
Communications  
KELANG, MALAYSIA

**ATraveler™**  
UUTID = 238115272073

UUTType = 4200-1012 Revision = Rev4 Currently At: :: AutoShip

Events: 7 Steps: 34 Meas: 84 Details 2005-03-14 09:48:05.828

- AS Components = Pass
- AS Workmanship = Pass
- Next ProcessStep Computed
  - ProcessStepID = IO\_Prep
- 238115272073 -- IO\_Prep
  - UUT Identified
    - UUTID = 238115272073
  - UUT Part Number Revision Labels
    - Acquire Part Number Label = 4200-1012
    - Verify Part Number Label = 4200-1012
    - Acquire Revision Label = Rev4
    - Verify Revision Label = Rev4
  - UUT Supply Current
    - Power Off = 0.01006047
    - Power On = 1.311
  - UUT Boot Up
    - Service Diagnostic Version = 3.1
    - Application Version = 1.23.10C
    - Acquire Prompt = >
  - Measure Test Points
    - Test Point TP11 = 5.661048
    - Test Point TP06 = 12.2229
    - Test Point TP21 = 41.46489
    - Test Point TP23 = 17.24568
    - Test Point TP18 = 14.0031
  - Next ProcessStep Computed
    - ProcessStepID = IO\_Prep
- 238115272073 -- IO\_Prep
  - UUT Identified
    - UUTID = 238115272073
  - UUT Part Number Revision Labels
    - Acquire Part Number Label = 4200-1012
    - Verify Part Number Label = 4200-1012
    - Acquire Revision Label = Rev4
    - Verify Revision Label = Rev4
  - UUT Supply Current
    - Power Off = 0.01001745
    - Power On = 1.321552
  - UUT Boot Up

MEASUREMENT\_DETAILS

Meas\_DateTime = "2005-02-15 19:22:30.103"

Meas\_Duration = "14.358"

Meas\_Number = "5"

Point TP18"

31"

ED"

ExpectedValue\_LowLimit = "7.0"

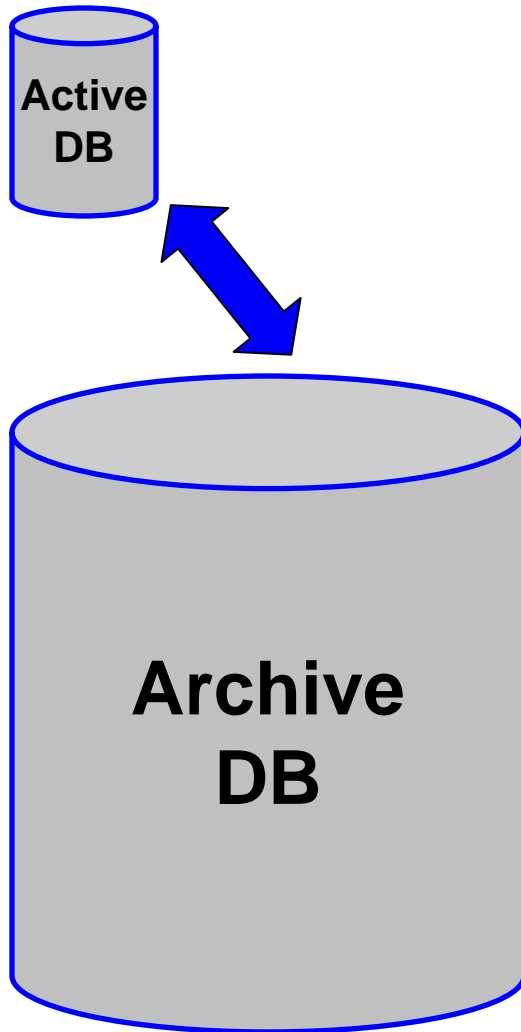
HighLimit = "14"

## 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.