

Meter Vision 20/20

A Herculean Effort

April 11, 2017

Ten Labours of Meter Vision 20/20



RFP and Additional Requirements Gathering Slaying the Nemean Lion



Final Analysis of Vendor Responses

Slaying the Nine-Headed Lamaean Hydra



Systems Integrator Selection – Capture the Golden Hind of Artemis



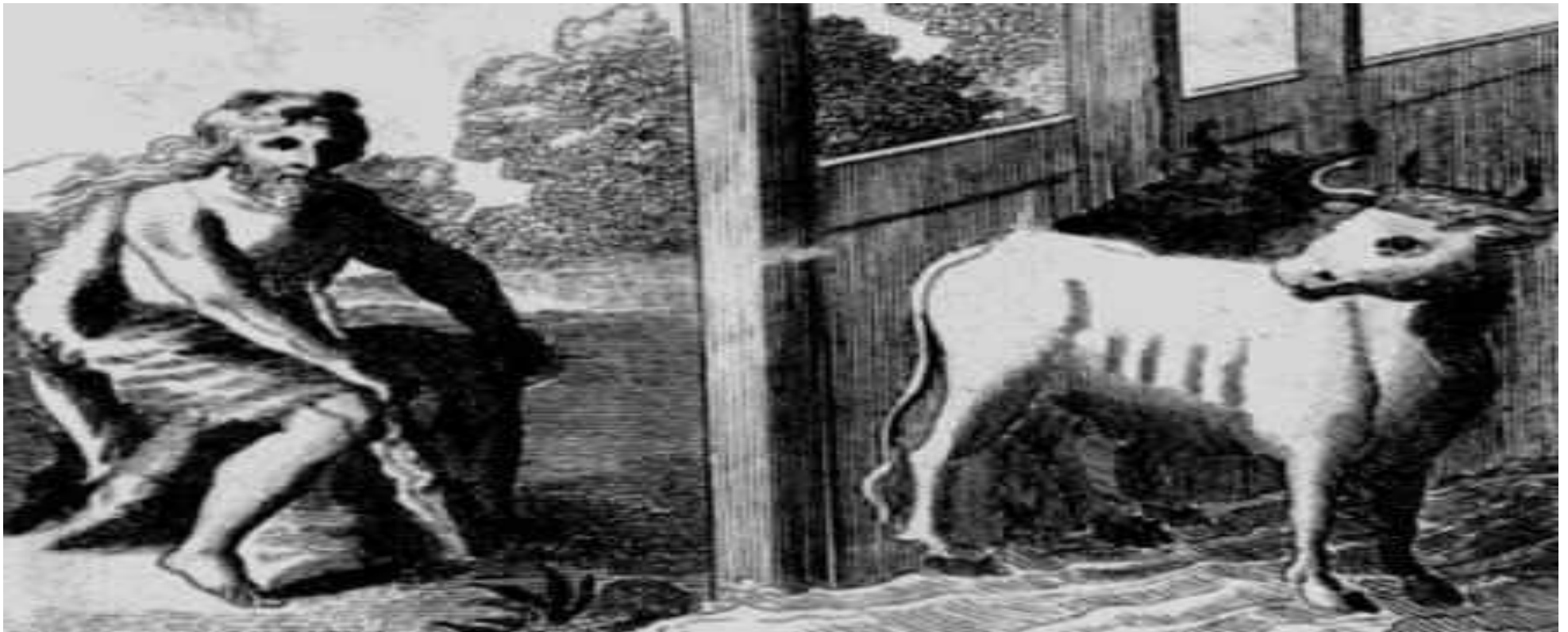
Vendor Selection

Capture the Erymanthian Boar



Contract Negotiations

Clean the Augean Stables in a Single Day



Regulatory Submission

Slay the Stymphalian Birds



Infrastructure Build

Capture the Cretan Bull



Data Migration

Steal the Mares of Diomedes



Les cavales de Diomède. Liebig 1927. Photo ©Maicar Förlag-GML

Flip Flops

Obtain the Girdle of Hippolyta



The CIS cannot be wrong

Apples of the Hesperides



Interface Development

Kidnap Cerberus



Intrinsic Attributes

Strength

Wisdom

Courage

Strength – Technical Scope

160 Interfaces by September 2016

Over 100 Servers

10 Security Appliances

Over 500 TB of Storage

Over 3200 GB of RAM

Wisdom – Depth of Experience

AMR IT

MDM Operations

AMR Operations

Systems Integrator

Vendor Teams

Courage – Tackling the Impossible

Five Major Systems

Delayed Regulatory Approval

Single Source for Meters

webMethods as the ESB

Accelerated Development of Settlement

MDMS Data Migration – 6 years

Data Migration Legendary Characters

AMR IT – Mike Hillanbrand

AMI Operations – Louise Gross, Jason Bartoli,
Audrey Gleissl, Vicki Kocsi

IBM – Rao Jada Lead, J David Moreland, Surya
Thangirala, Prasad Gante

L+G – Satish Iyer, Steve Huff, Nikhil Gudi, Nilesh
Aggarwal, Vishnu Gautam, Michael Stevens

MDMS Data Migration – Steal Diomedes’ Mares

2192 Days of Historical Data



10 TB Source → 28 TB Target for 26 Months



18 PL/SQL Extracts – 187 discreet data points



10 Minutes to extract a single day of data



30 Minutes to load a single day of data



Need to Populate the entire 2192 days in the EDW

MDMS Data Migration – Steal Diomedes’ Mares

Choose which API



Data Map Matrix



Flip-Flops



Automation



Team Work



Validation

Validation – Did We Really Steal Diomedes’ Mares

Cohort Selection and Execution



Column Comparison



Team Work



Automation



Eyeballs



Exception Handling

Summary

Hercules Had It Easy

Don't Be Too Attached To Your Schedule

Team

Validation

Version Control

Backups

