



# My First QlikView Application “CTI”

# My Challenge

**Propose to Clinical Sciences & Operations Platform (CSOP) users an innovative solution to replace end-of-life Sanofi Product CTI 3.3 (Clinical Trial Information) with a lower cost and without IT investment.**



# Clinical Trial Information (CTI) 3.3

## *What?*

- Dashboarding solution, developed by Sanofi in 2002, especially design to assist clinical trial teams in managing in managing their trials efficiently and effectively.
- Provides reports/metrics related to:
  - Study key information, Status and Performance
  - Country/Site Performance within the study:
  - Site Initiation and Subject Recruitment
  - Investigator Performance
  - eCRF Data Collection Workload / Discrepancy Workload
- All data provided by CTI is derived from :
  - Clinical Data Management System OC
  - Clinical Data Monitoring System IMPACT



# Clinical Trial Information (CTI) 3.3

## *Who?*

- **Clinical Sciences & Operations (CSO) users:**

- Clinical Data Managers
- Clinical Trial Managers
- Clinical Research Associates (CRA)
- Project Leaders / Team Leaders
- Region Heads / Country Heads / CSU Heads
- Clinical Study Directors (CSD)
- Quality Control Specialists
- Medical Advisors
- Etc...



# Clinical Trial Information (CTI) 3.3

## *Why End-of-life product?*

- From 2009, CTI reports usage remains low while reporting needs for eCRF studies increase and general perception shows a lack of confidence.
- **Reasons:**
  - Data Accuracy \ Inconsistencies Issues
  - Refresh Cycle Frequency
  - eCRF Study designs Complexity
  - Technologies Constraints (Informatica & Java upgrades)
  - Development Timelines / Resources availability

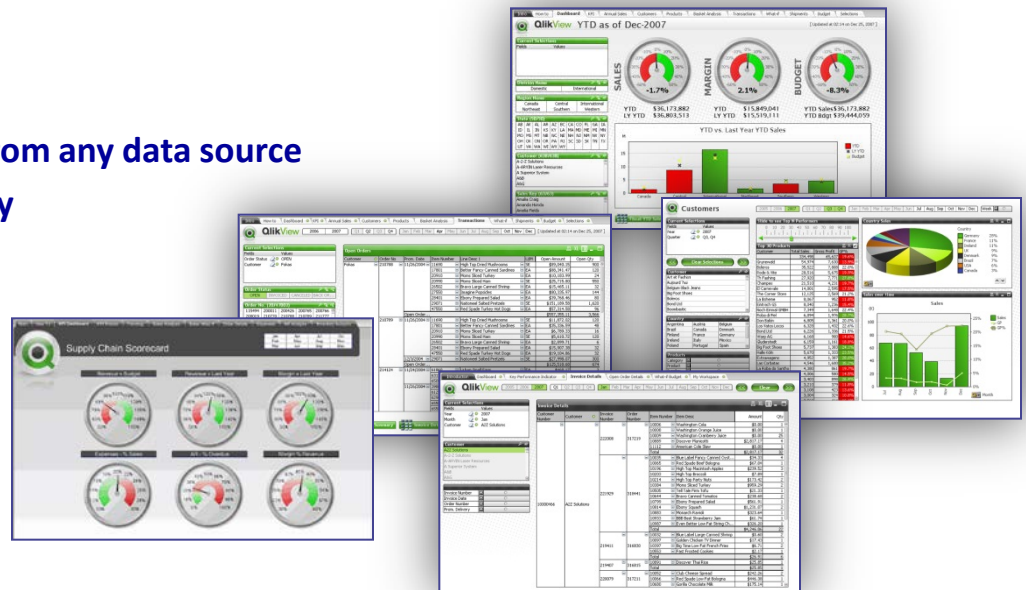


**2012 : Initiative to build a “CTI”  
prototype with innovative solution QlikView**

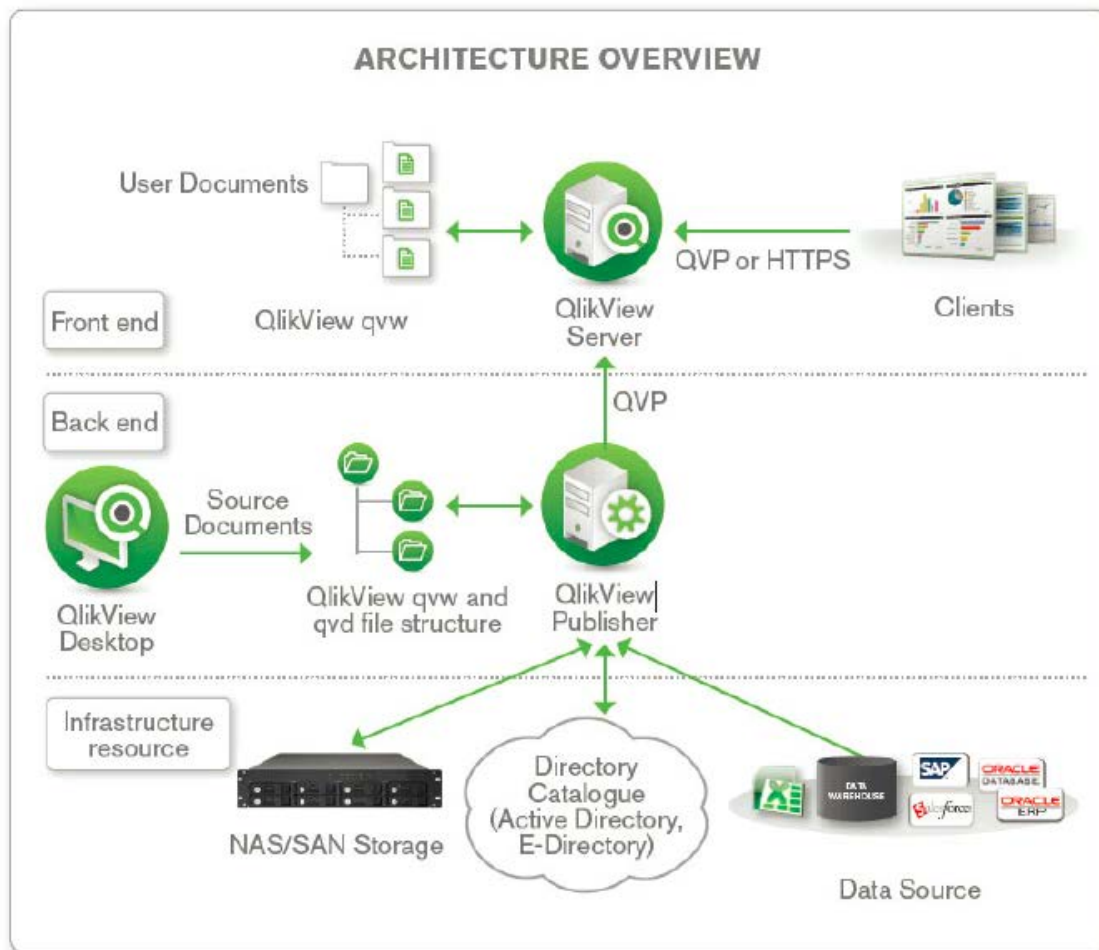
# QlikView

## What is?

- **Product of QlikTech Company**
- **Business Intelligence (BI) Tool**
- **Technical Strengths:**
  - Consolidate information rapidly from any data source
  - In-Memory Associative technology
  - A wide variety of visualizations
- **3 Major components:**
  - QlikView Server
  - QlikView Desktop
  - QlikView Publisher



# QlikView Architecture Overview

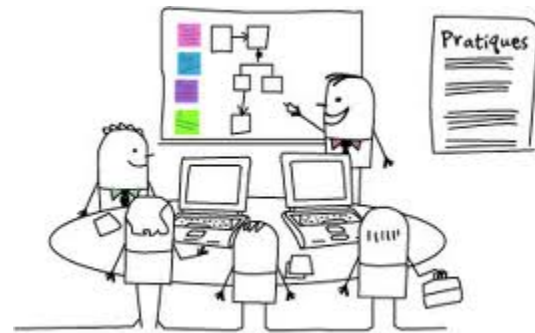


*A \*.QVW contains the ETL script, loaded data & screen objects.*

# Clinical Trial Information (CTI)

## *How is born CTI 4.0?*

- Started in 2012
- Agile methodology
- 1 developer
- 4 Subjects Matter Experts (SMEs)



**July 2012, 1st : First Release**

# See QlikView in Action

## *Let's Qlik*

The screenshot displays the QlikView AccessPoint interface. At the top, the QlikView logo is on the left, and a green link 'Download Internet Explorer Plugin' and a welcome message 'Welcome Anthony Caudard | Favorites & Profile' are on the right. Below the logo, the text 'Last updated mercredi 24 octobre 2012 15:59:14' is visible. The main section is titled 'AccessPoint' and includes a search bar with 'Showing 1-3 of 3' and '12 items per page'. Below the search bar, there are filters for 'Category:' (set to 'All') and 'Attribute:' (set to 'No Attributes Available'). The main content area shows three items:

- CSU Performance Dashboard.qvw**: Last Update: 2012-10-24 08:08, [view details](#)
- CTI 4.0.qvw**: Last Update: 2012-10-24 13:45, [view details](#)
- QV11 Monitoring.qvw**: Last Update: 2012-10-24 08:02, Next Update: 2012-10-25 08:00, [view details](#)

The third item, 'QV11 Monitoring.qvw', is marked as 'No Preview Available' with a green QlikView icon. The bottom of the interface shows 'Showing 1-3 of 3' and '12 items per page'.

# CTI 4.0 & QlikView

## *1 year after A success*

- Over 1500 CTI worldwide users
- 800 CTI users / Month
- High level of customer Satisfaction
- 4 daily CTI refreshes
- 5 QlikView applications deployed to CSO users
- QlikView selected as dash boarding solution in ambitious Sanofi program UNIFY



# QlikView

## QUICK – QLEAR – QOOL

- **Faster development and deployment (1-3 Months)**
- **Low TCO (Total Cost of Ownership)**
- **Ease of development**
- **Ease of use for the business users with minimal training**
- **Higher customer satisfaction**



# Thank You !

