



# Vendor's View

*Data in an accountable health system*

*Arielle Mir*

*October 18, 2017*



NUNA

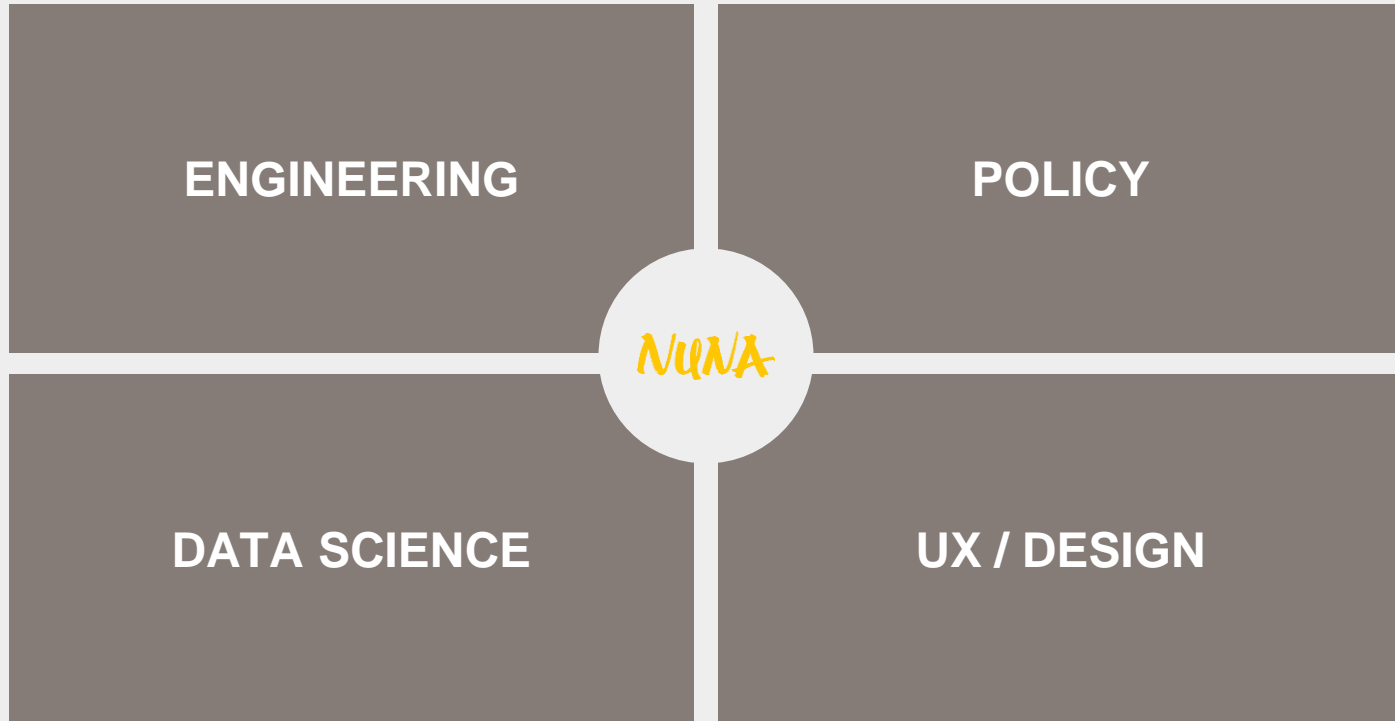
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## *Core Competencies*



# Towards a global data perspective

## *Before Medicaid Data Platform*

### Outdated Technology



### Unanswerable Questions

In 2012, if you wanted to know the top ten diagnoses among Medicaid beneficiaries by frequency and expenditure...

...you could, but for 2007 and fee-for-service only.

TECHNOLOGY

# Medicaid's Data Gets an Internet-Era Makeover

By STEVE LOHR JAN. 9, 2017



Jini Kim, a Nuna founder, at work with her autistic brother, Kimong, a Medicaid recipient whom she cares for with their parents. Jason Henry for The New York Times

*What we look for in a strong data platform*

**Security, to protect beneficiary privacy**

**Power and flexibility, to accommodate data user needs**

**Sustainable costs, at inception and for ongoing operations**

**Sensitivity to stakeholder processes**



# *Data Warehousing in the Cloud*

**Flexibility**

**Cost**

**Security**



## *Accommodating User Needs by Design*

**Real-time feedback**

**Automated troubleshooting**

**Collaborative tools**

## Real-time status for data operations

### File Submission

Hover over a cell to see detailed counts of accepted and rejected files per reporting period.

All File Types ▾ from November ▾ 2016 ▾ through April ▾ 2017 ▾ Filter

Client	Nov 2016	Dec 2016	Jan 2017	Feb 2017	Mar 2017	Apr 2017
Alabama					8 accepted out of 8 files 8 filetypes	
Arizona						
Arkansas						



## *Workflow and collaboration tools*

**Automated workflow tool** - real time project status

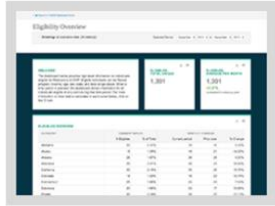
**Collaboration wiki** - consolidated and robust repositories for all requirements/user stories, design documentation, development tasks, testing tasks, change requests, and bugs/defects

**Integrations** - features that have passed quality control can merge dynamically into code migration efforts

**Reports and dashboards** - configurable for project health reviews

# Making data visible, actionable

## T-MSIS Dashboard Library



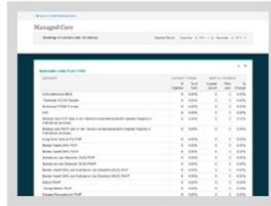
Overview



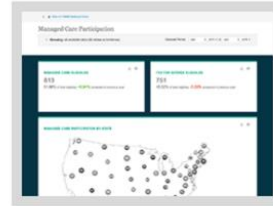
Eligibility



Basic Demographics



Managed Care



Managed Care Participation



Managed Care Enrollment



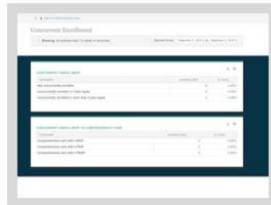
Family Characteristics



Residency and Language



Economics



Concurrent Enrollment



Comprehensive Care Enrollment

## *Caveats - what's unique about Medicaid*

**Governance** - CMS could impose compliance with the data dictionary on state Medicaid programs - essential for standardizing data

**Incentives** - States risked losing federal Medicaid funds if data not submitted appropriately

# Moving from vault to value



## *Looking beyond the claims data warehouse*

**Reimagine stakeholders as data consumers, not just data producers**

**Consider the costs of participation**

**Invest in technologies that create value for stakeholders**


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# Thank You!

*NUNA*

nuna.com

info@nuna.com

@nunainc:   

Driven by Data,  
Guided by Compassion.