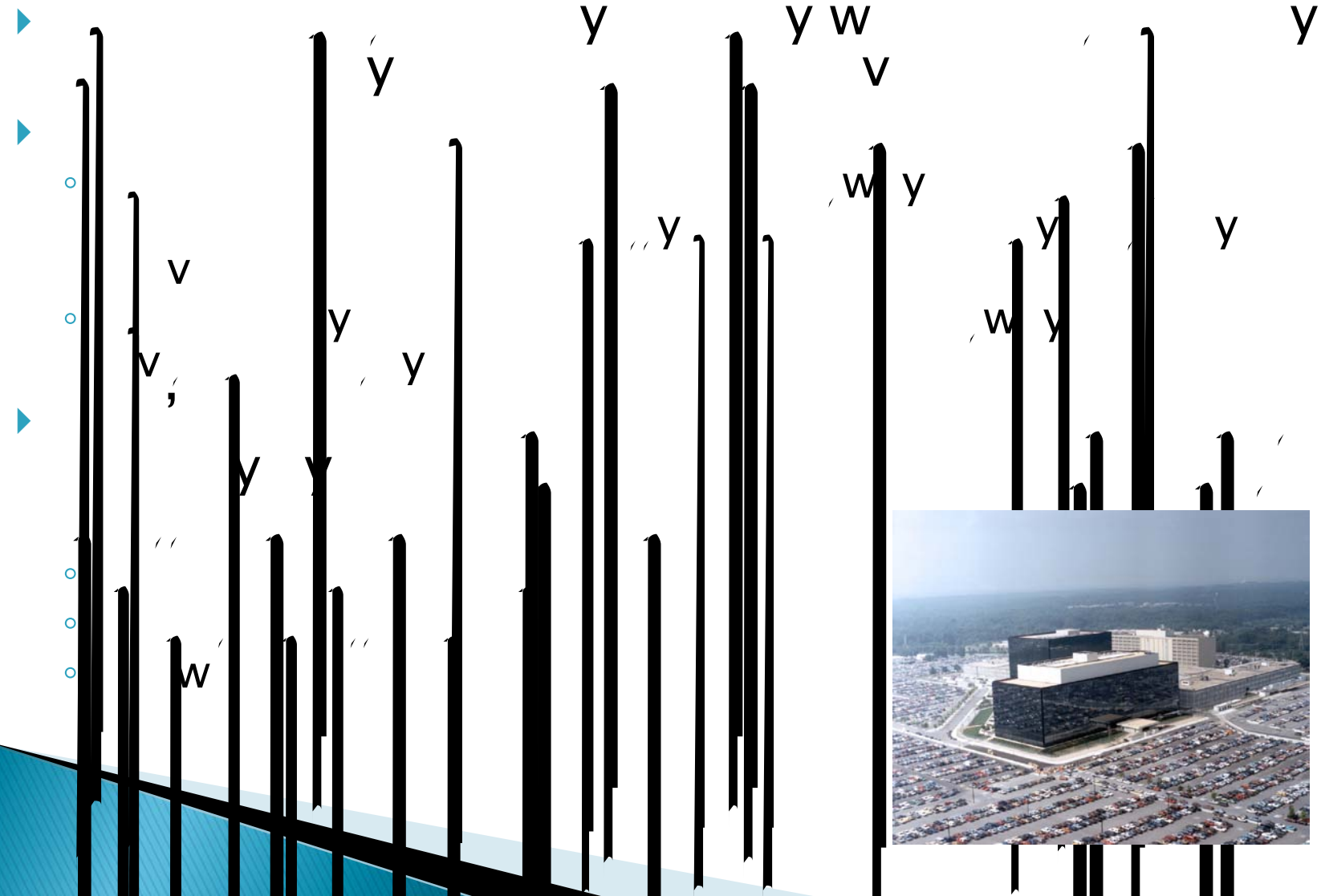


Turning a Super Tanker: Process Improvement Change at NSA



Who is NSA?





Three Key Missions

▶ Information Assurance



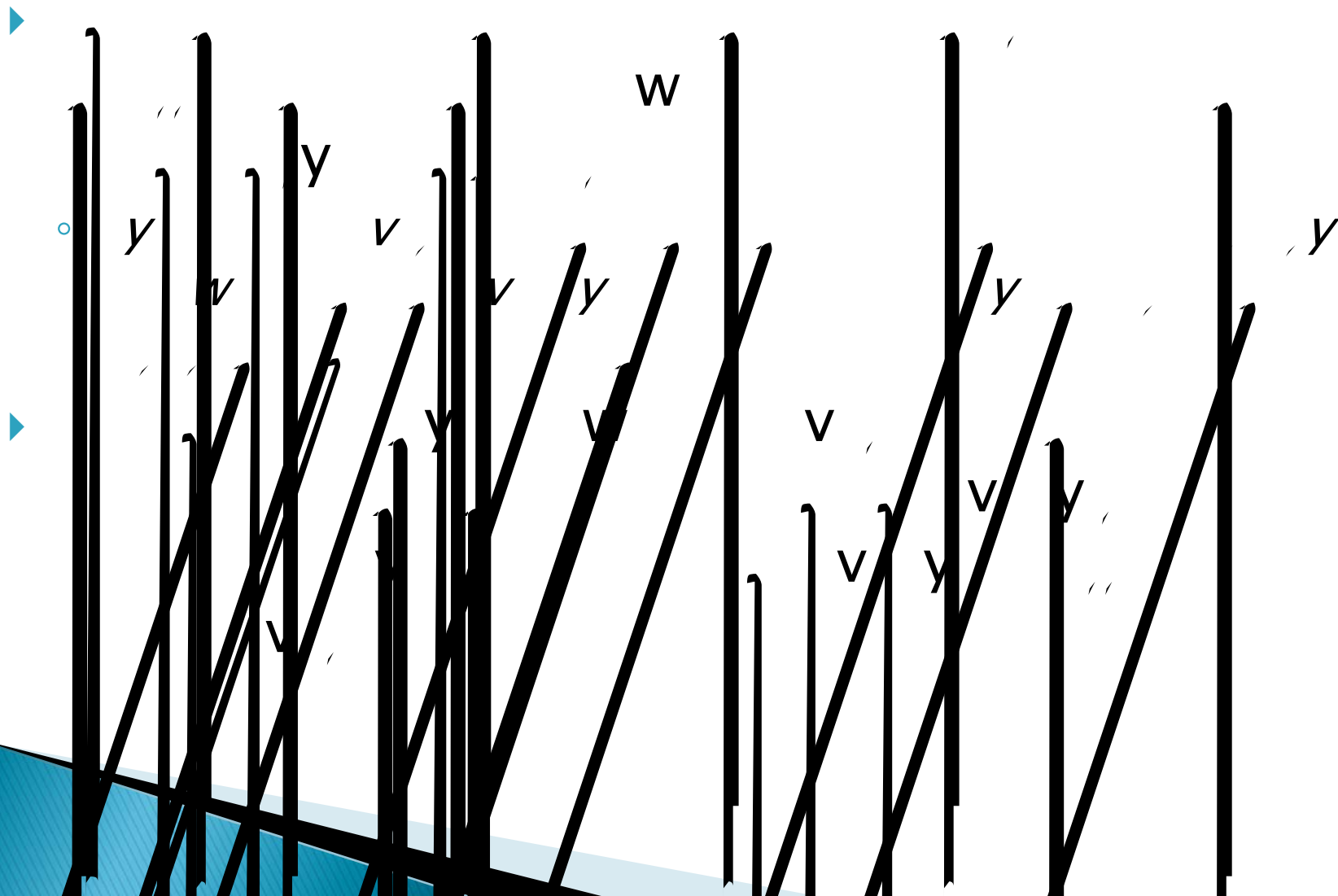
▶ Signals Intelligence



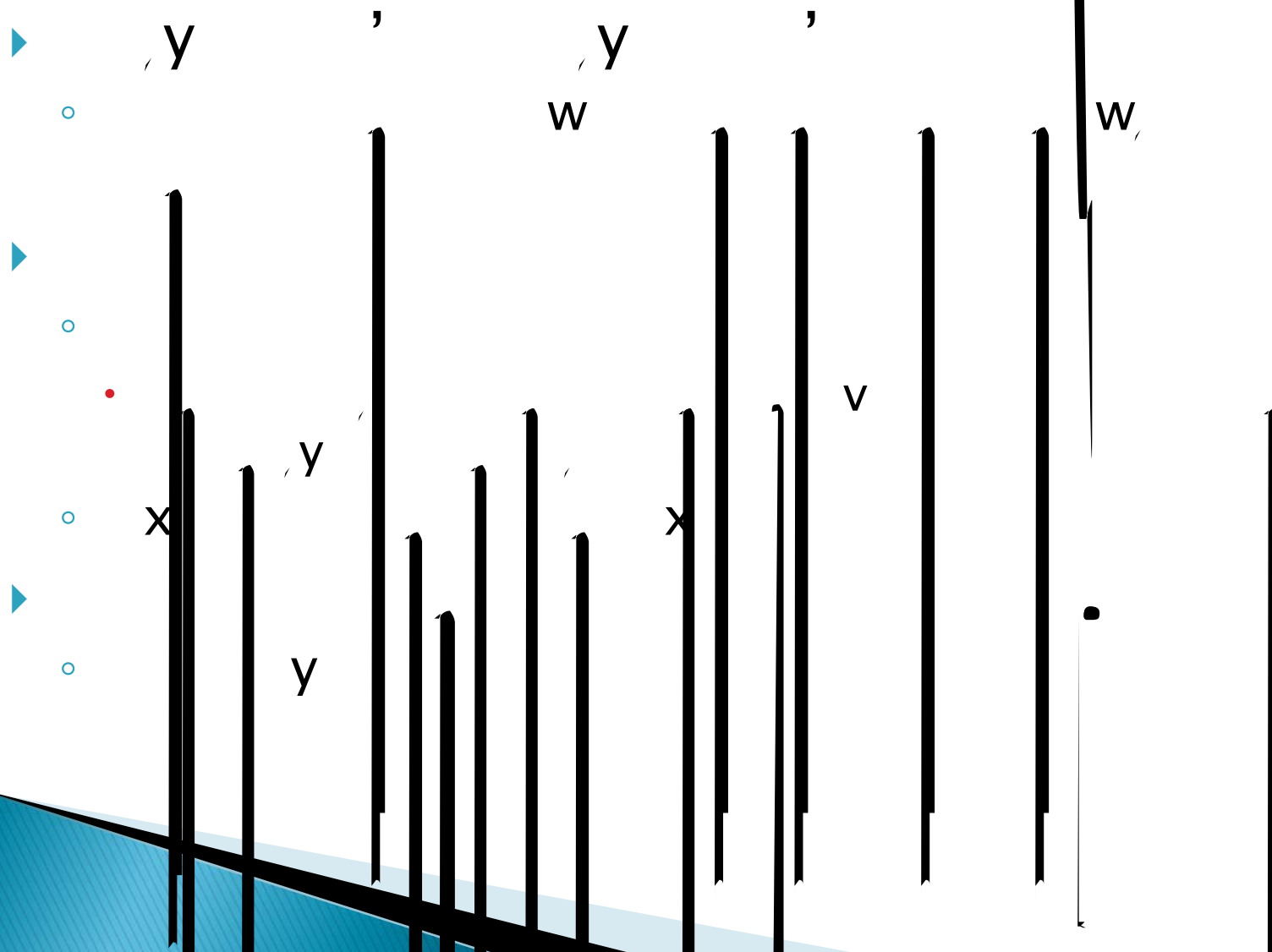
▶ Network Warfare



NSA's Mission and Systems Development

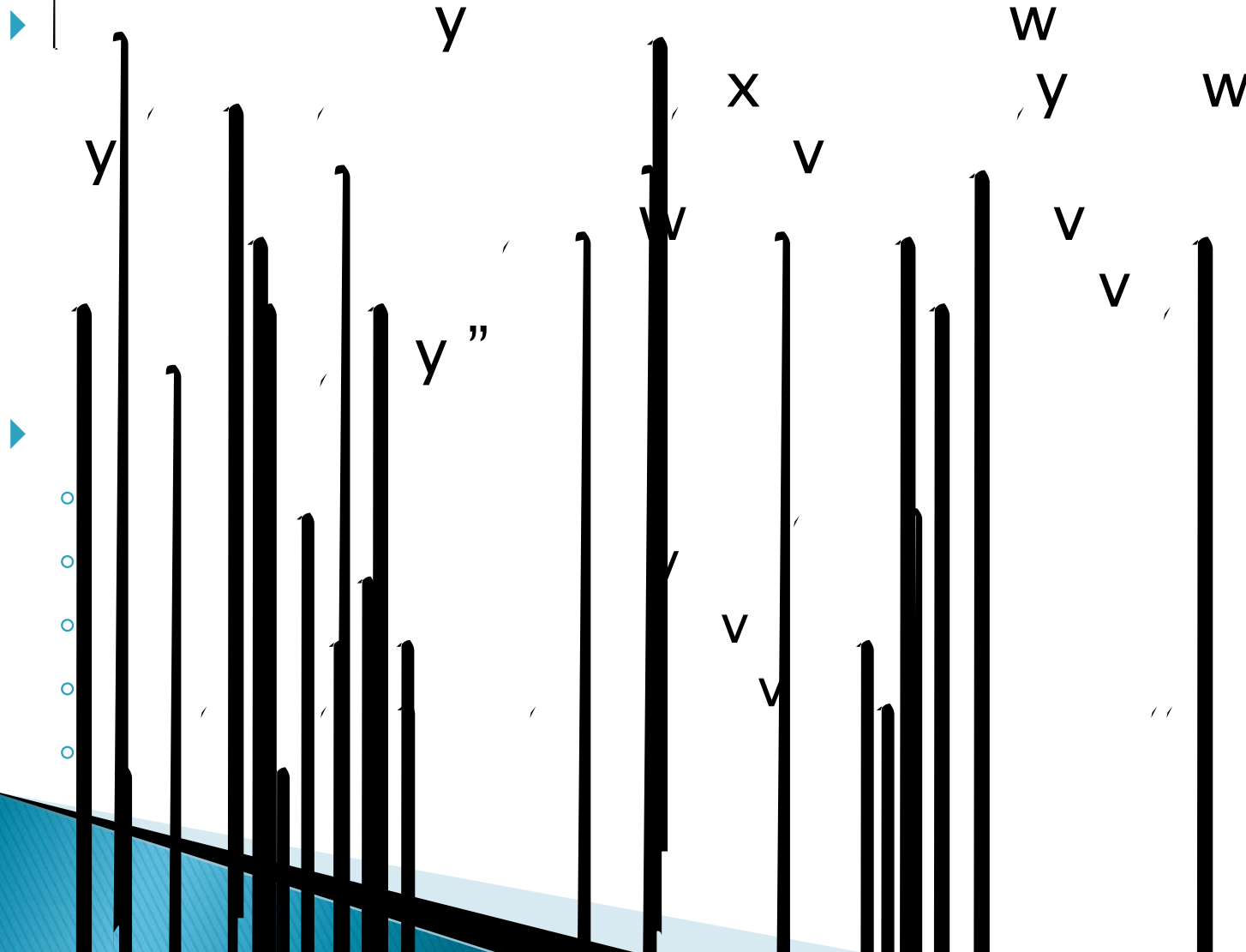


NSA Process Improvement History



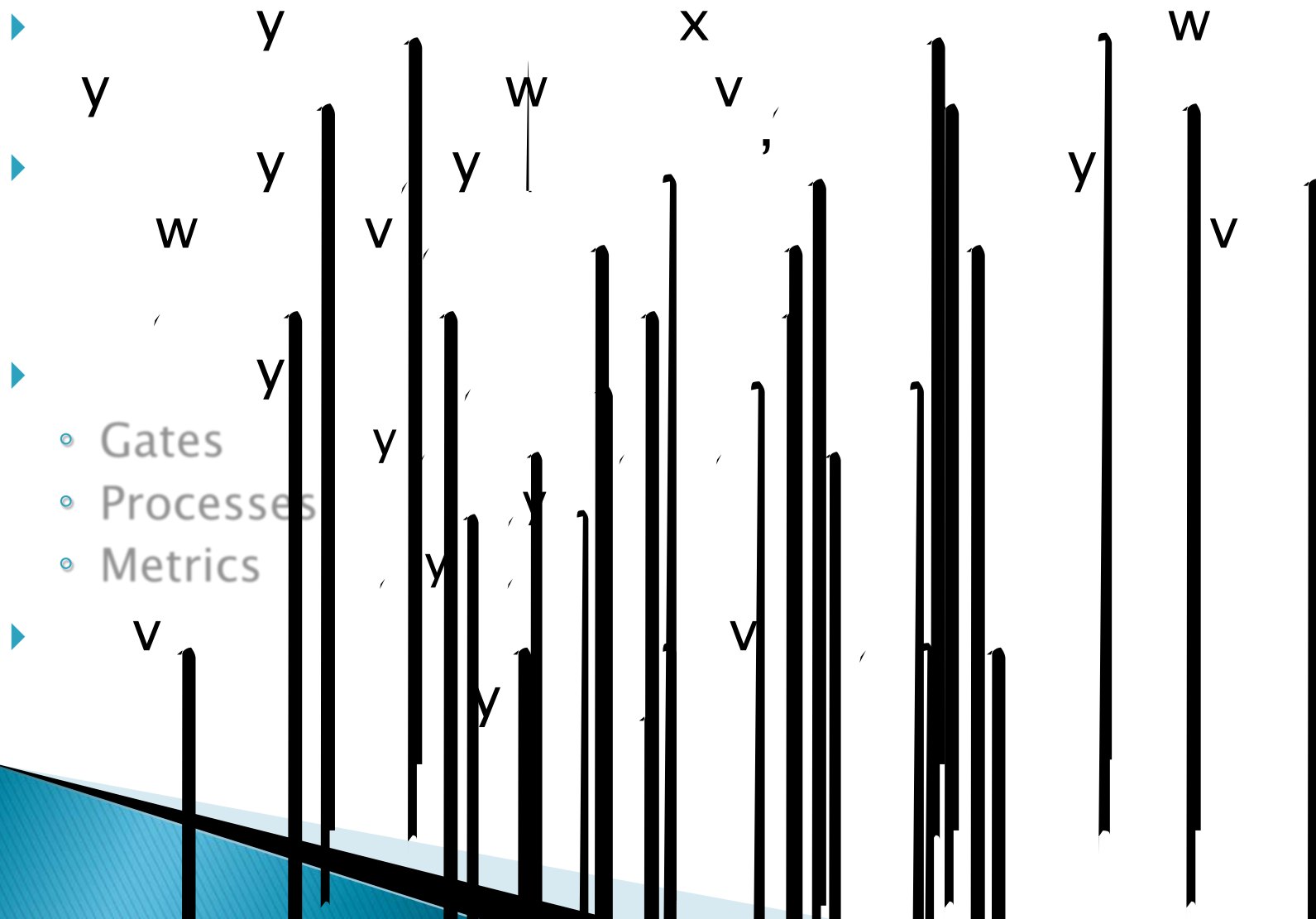


What is the “NSA Way”?





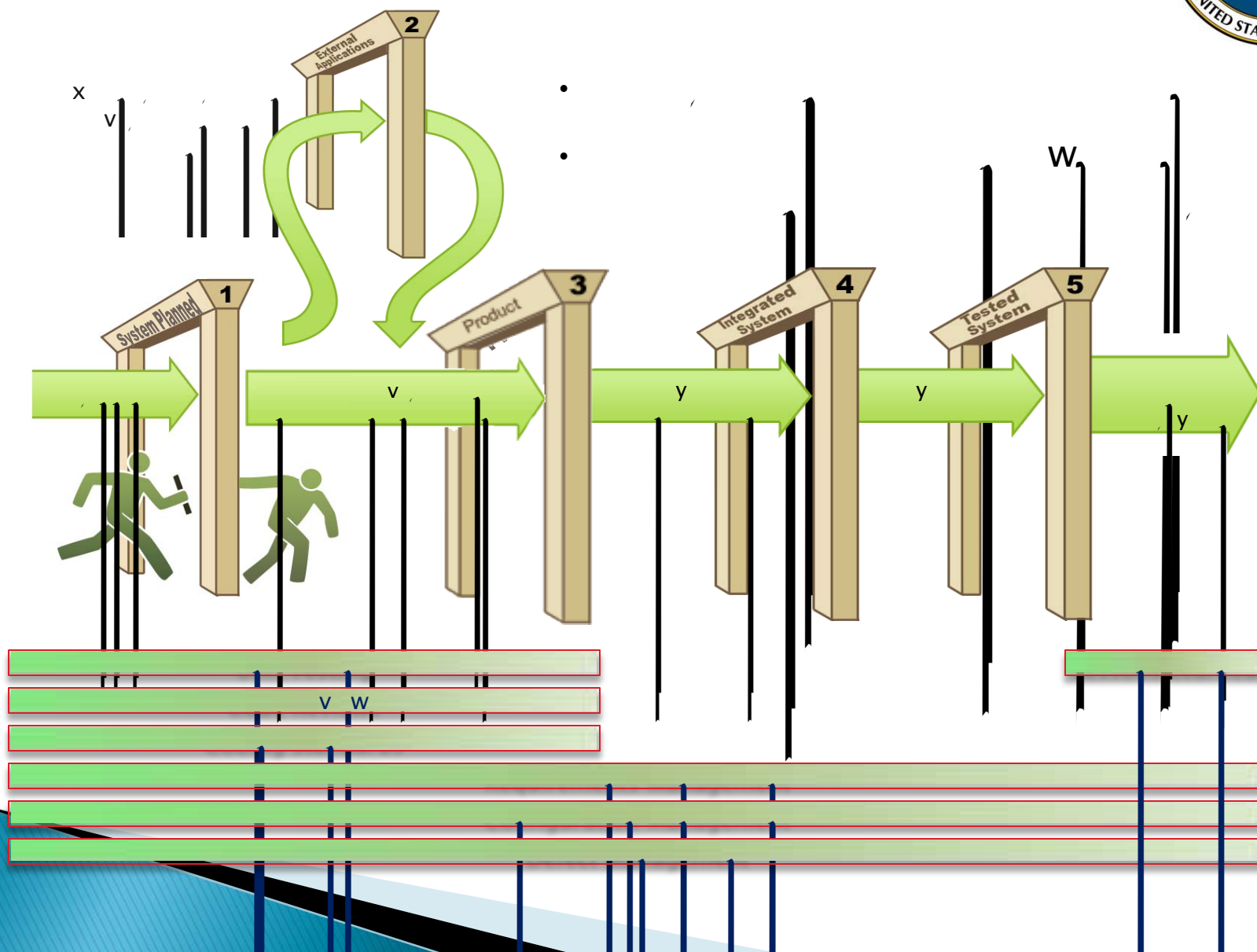
How does NSA Way Fit in NSA?



Contrast Between NSA Way and past NSA PI Initiatives

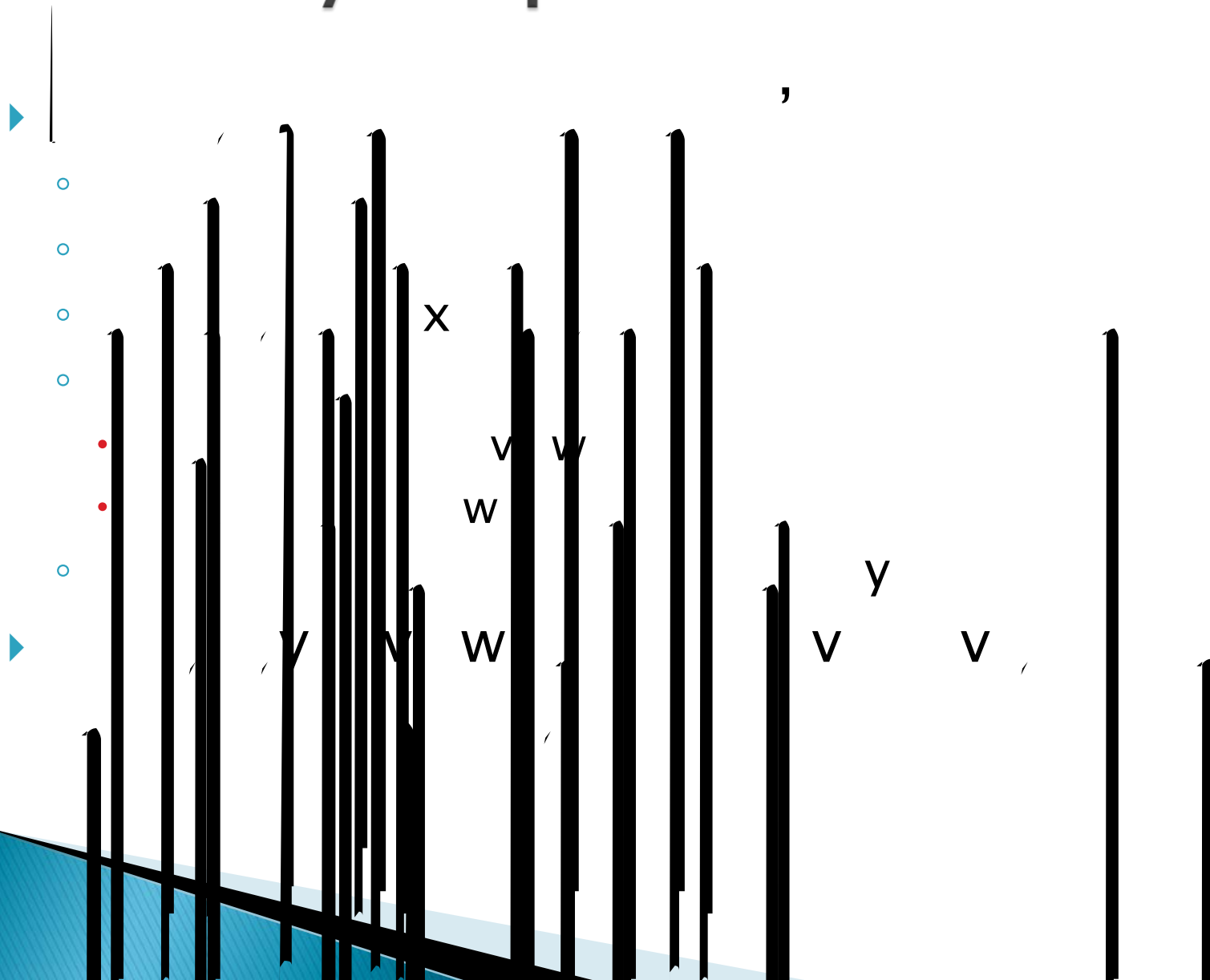


	Examples from Past Initiatives	NSA Way
Senior Management Support	Supported by a 'junior' senior leader who could not influence other key stakeholders. No clear champion other than the sponsor	<ul style="list-style-type: none">• Supported at the highest level• Championed by senior personnel both within key offices and across the organization.
Participation by respected technical leaders	Limited or none	Developed and supported by some of the organization's technical leads.
Based on CMMI (or other model)	Explicitly	Implicitly
Appraisals/ Assessments	Participating programs went through an initial SCAMPI class A appraisal as an entry condition for participating.	Monthly assessments directly connected to limited areas where technical leads agree there is positive return-on-investment.

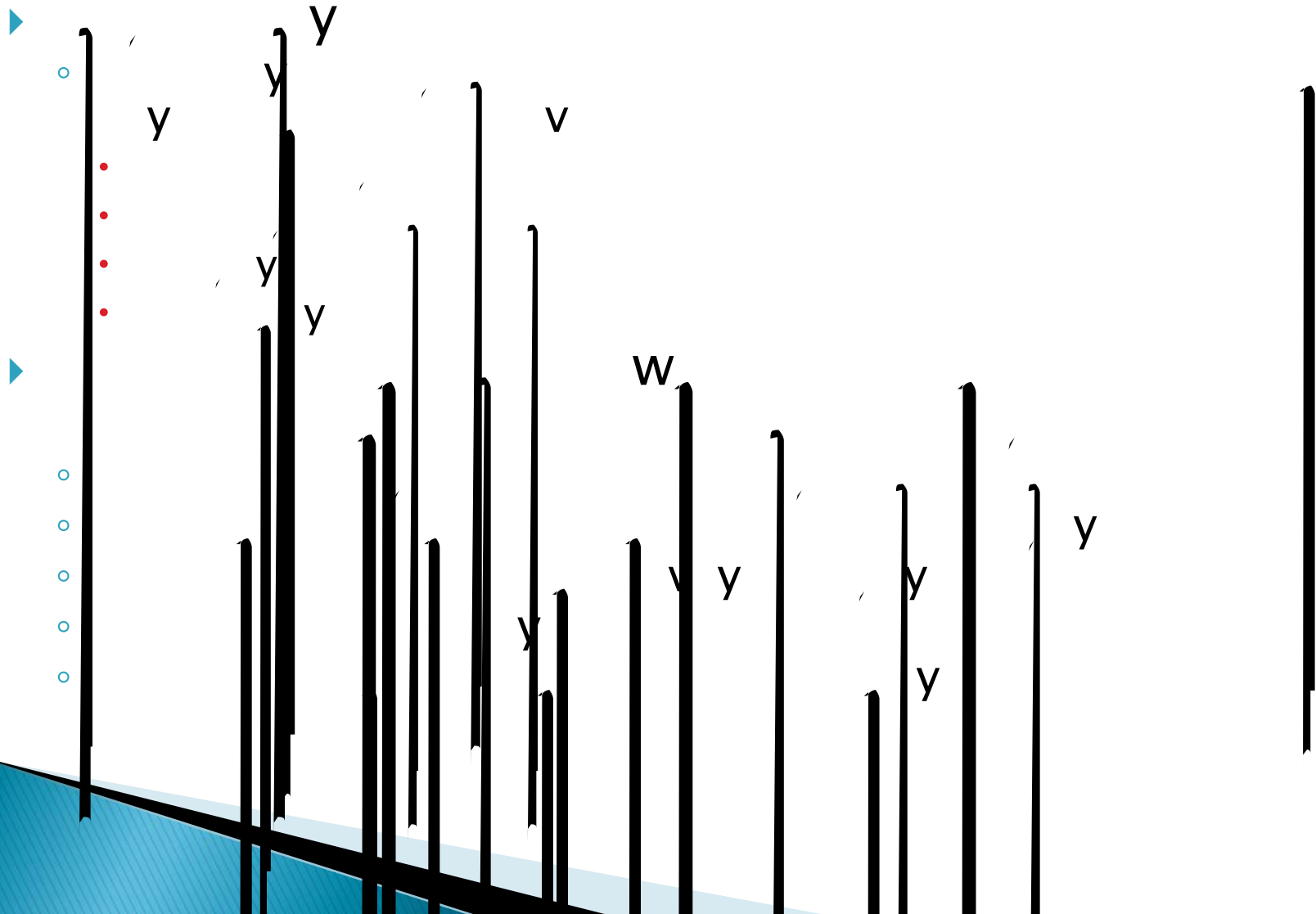




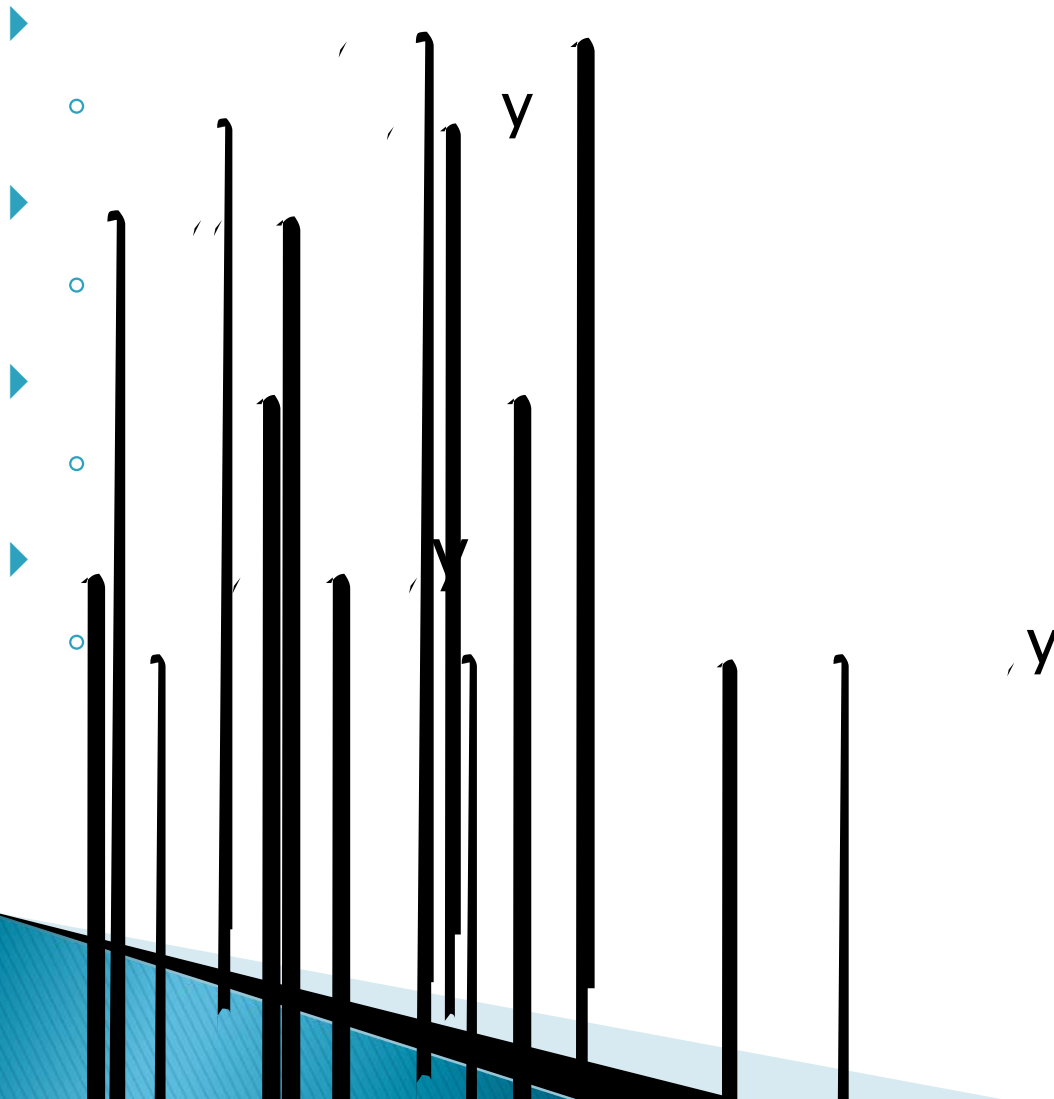
NSA Way Required Activities



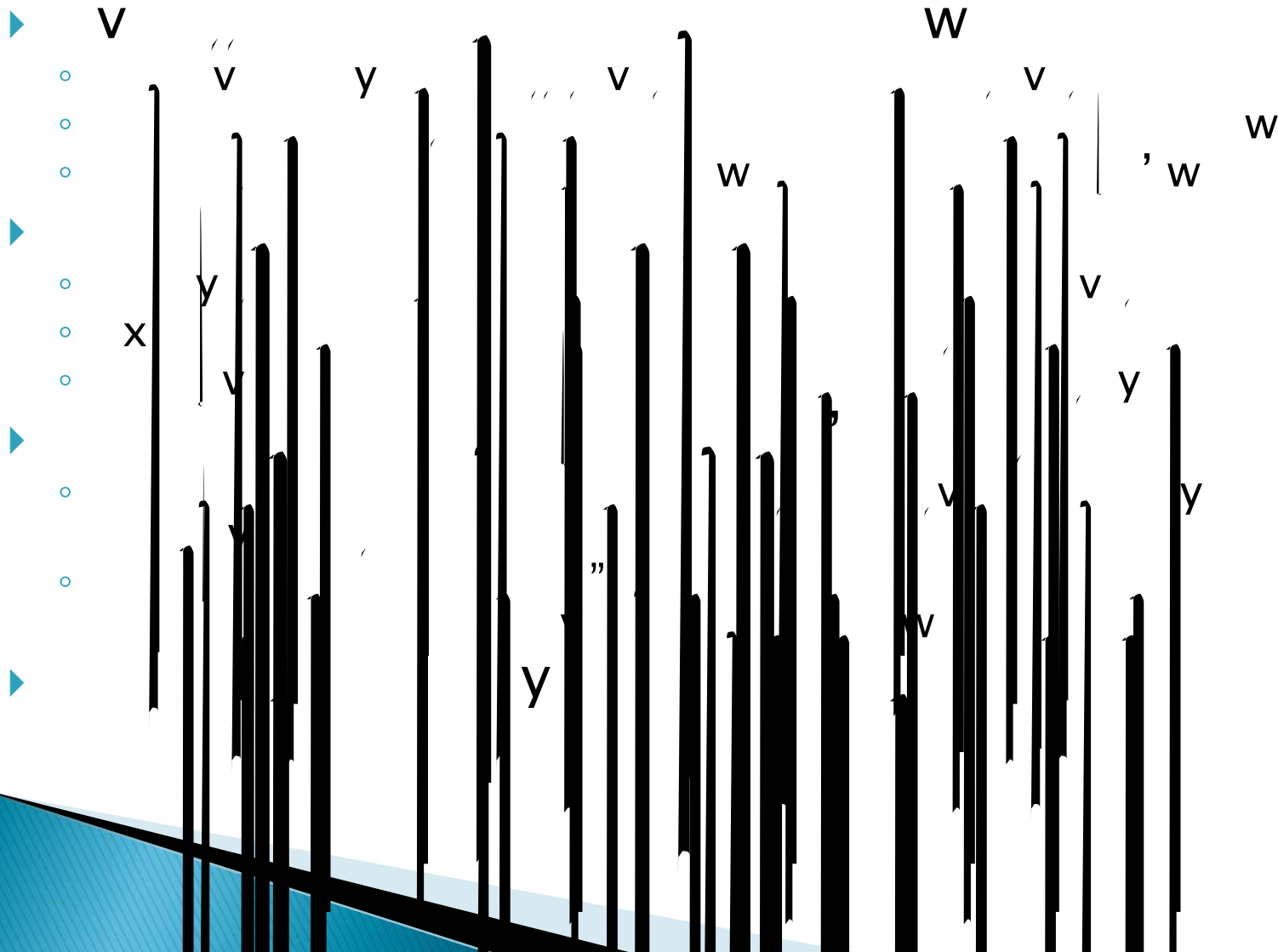
Metrics



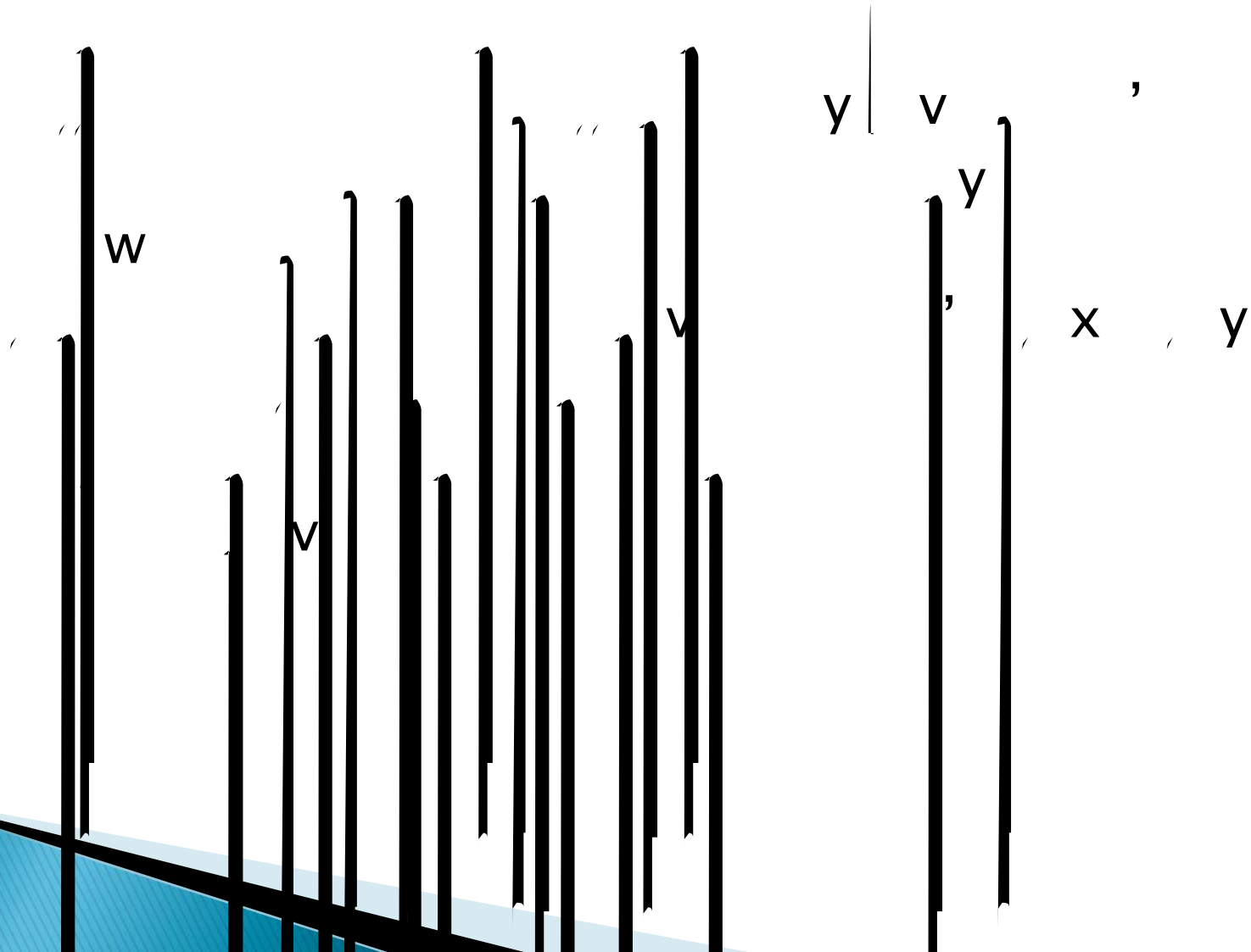
One Year Later...



Accomplishments

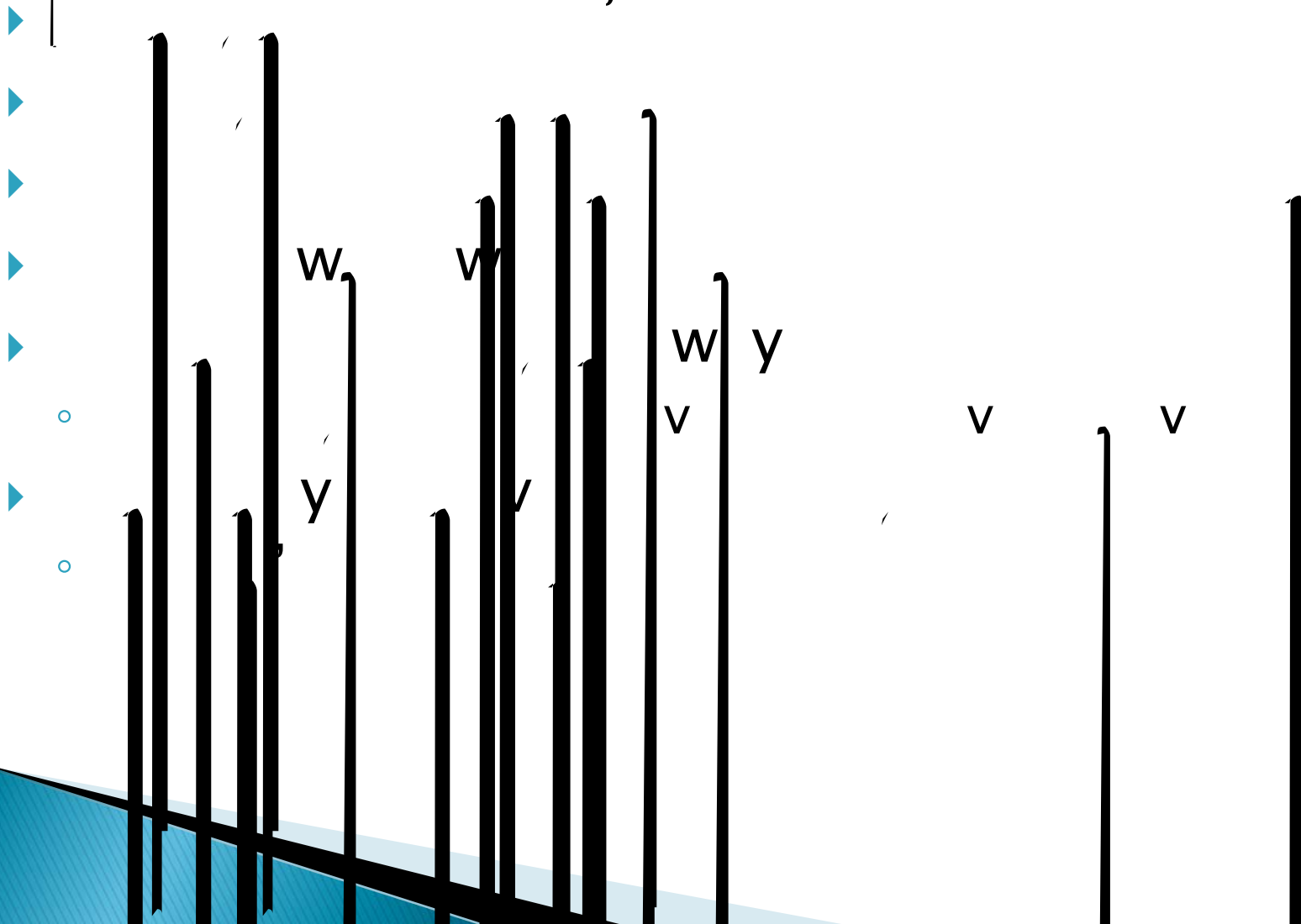


Challenges

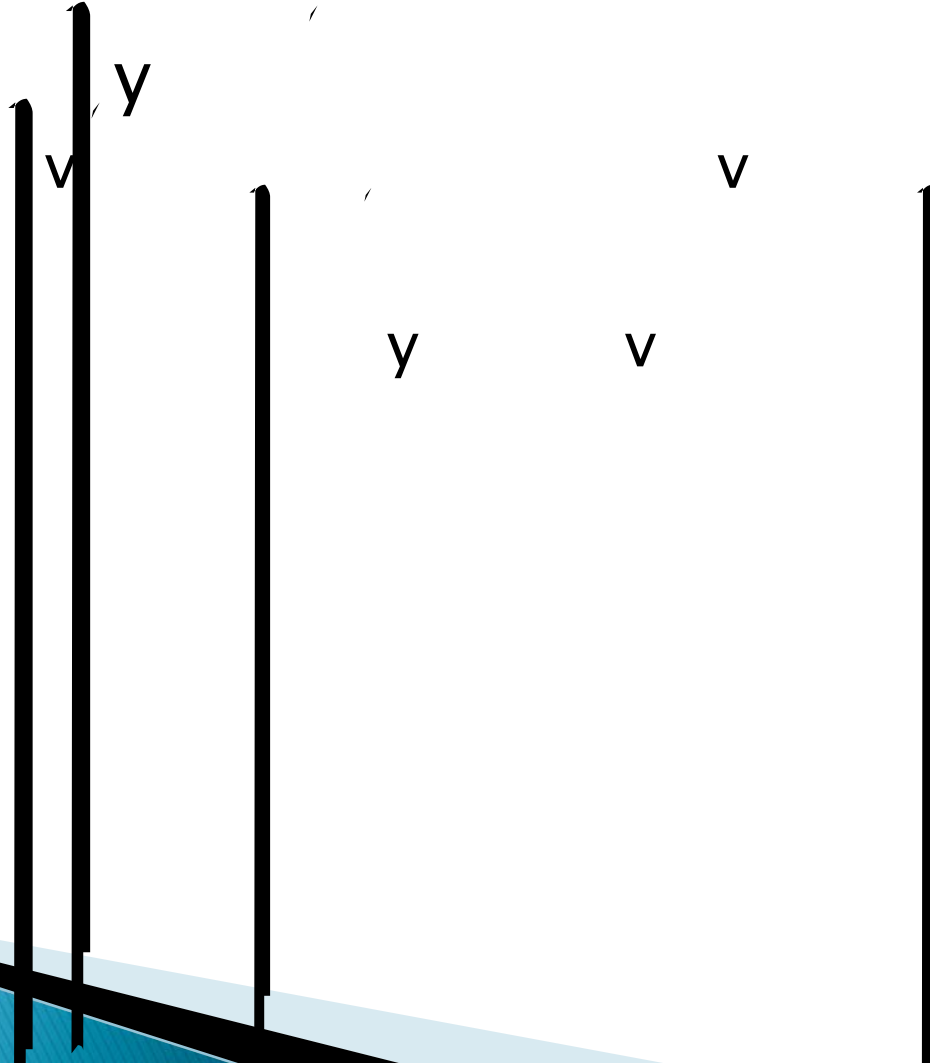




Lessons Learned

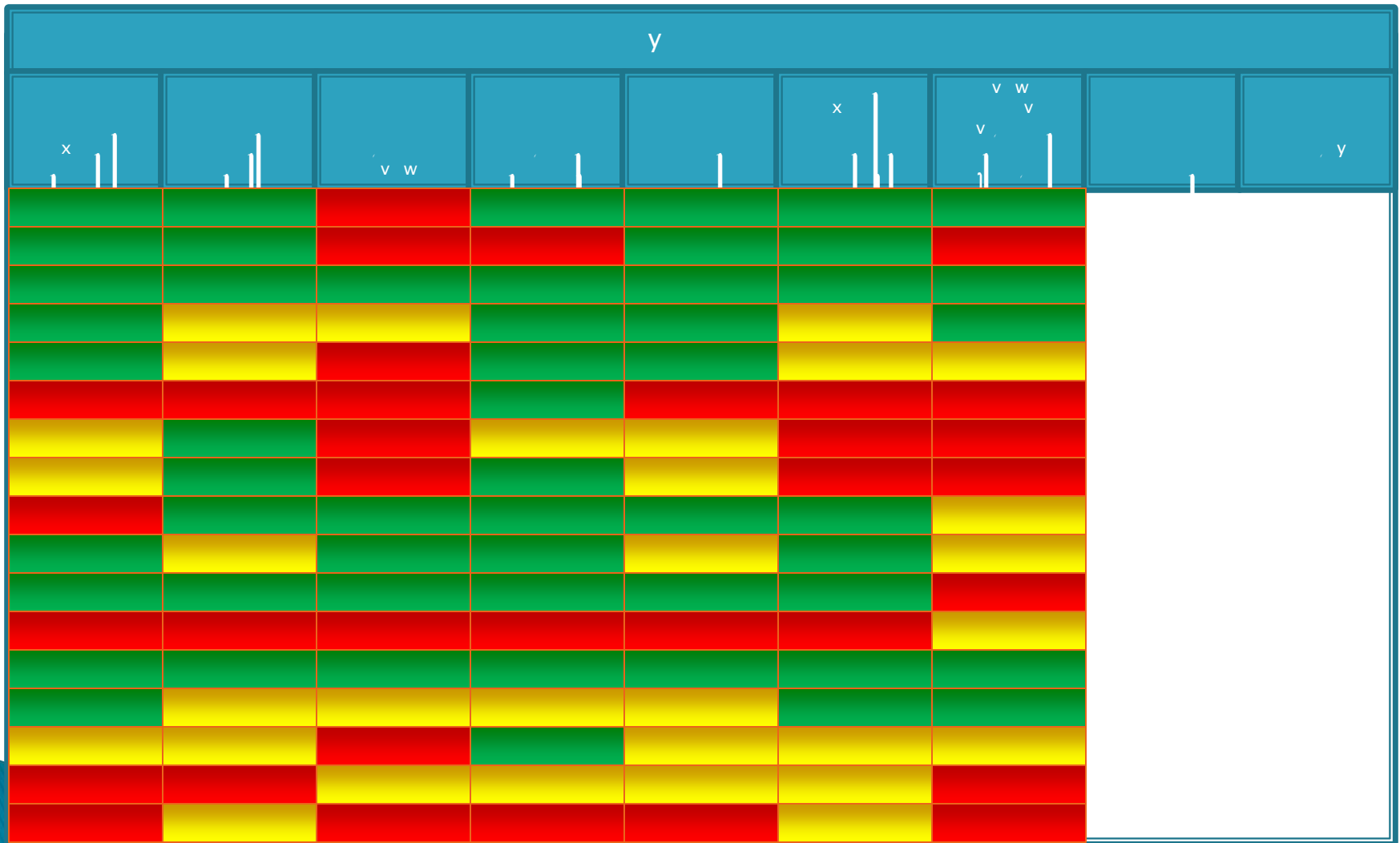


Analysis of Data



Initial Assessment Summary

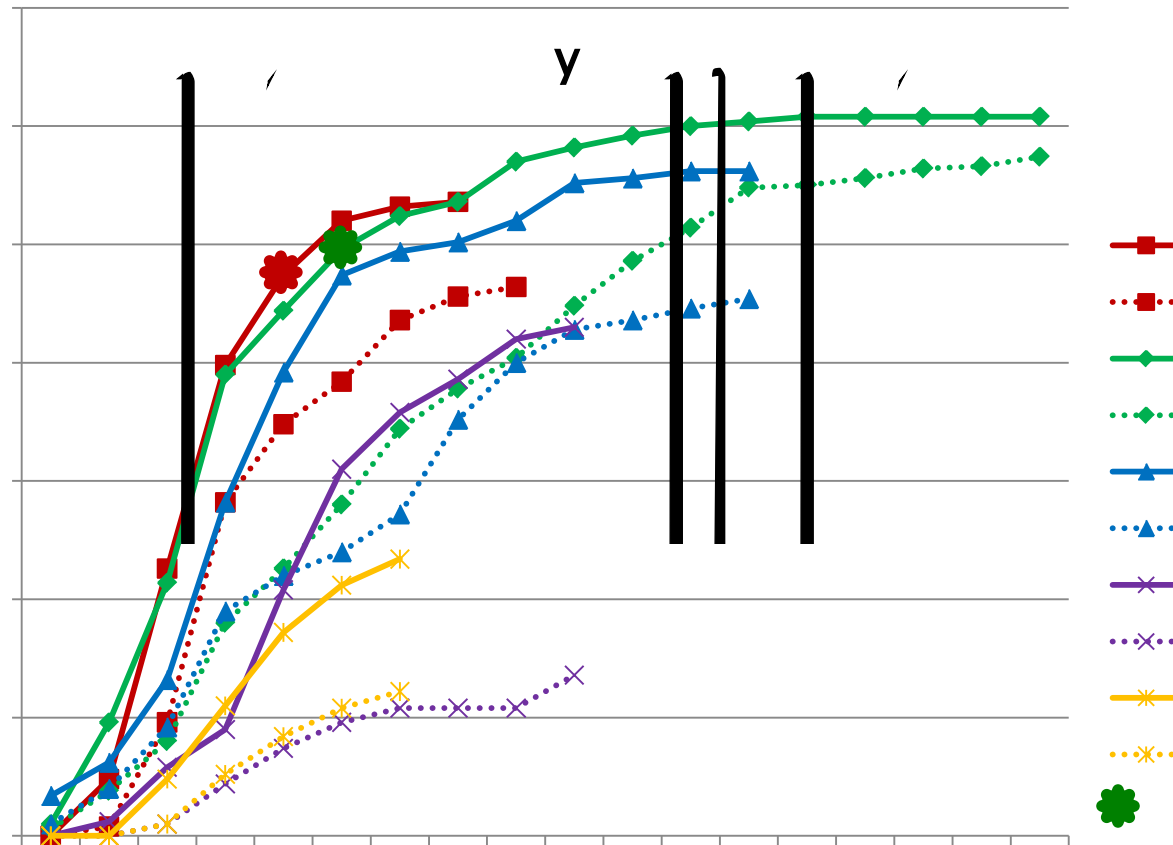
April 2009



The seal of the National Security Agency (NSA) is a circular emblem. It features a bald eagle with its wings spread, perched on a shield with vertical stripes. The eagle is set against a blue background. The words "NATIONAL SECURITY AGENCY" are written in a circle around the top, and "UNITED STATES OF AMERICA" around the bottom, separated by two stars.

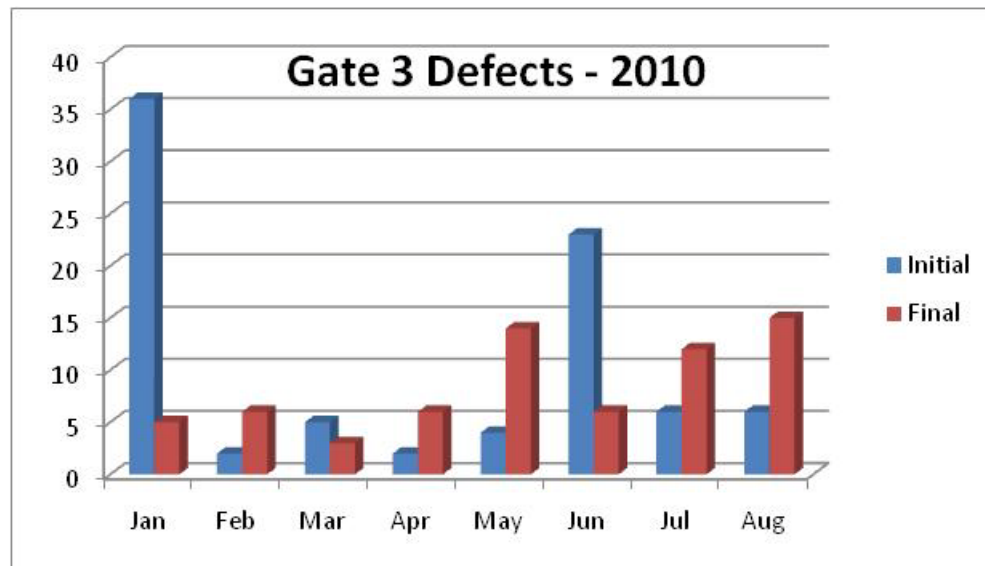
[illegible]

Defect Analysis

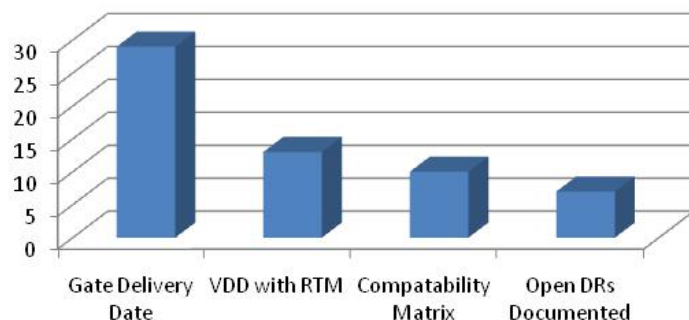




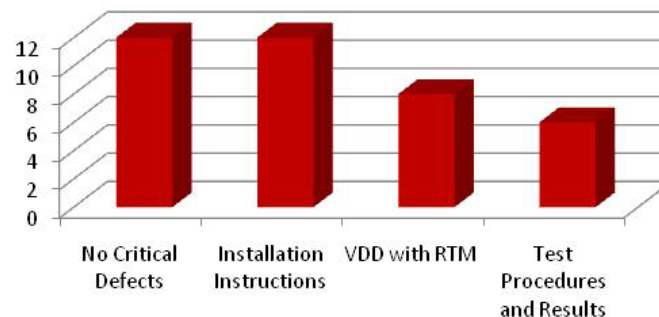
Gate Statistics



**Most Occuring Defects
at Initial Review**



**Most Occuring Defects
at Final Review**



Contact Information



v



y

