

Increasing Access, Reducing Risk

A conceptual framework for tiered data access

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Meeting of the Federal Economic Statistics
Advisory Committee (FESAC)
December 13, 2019

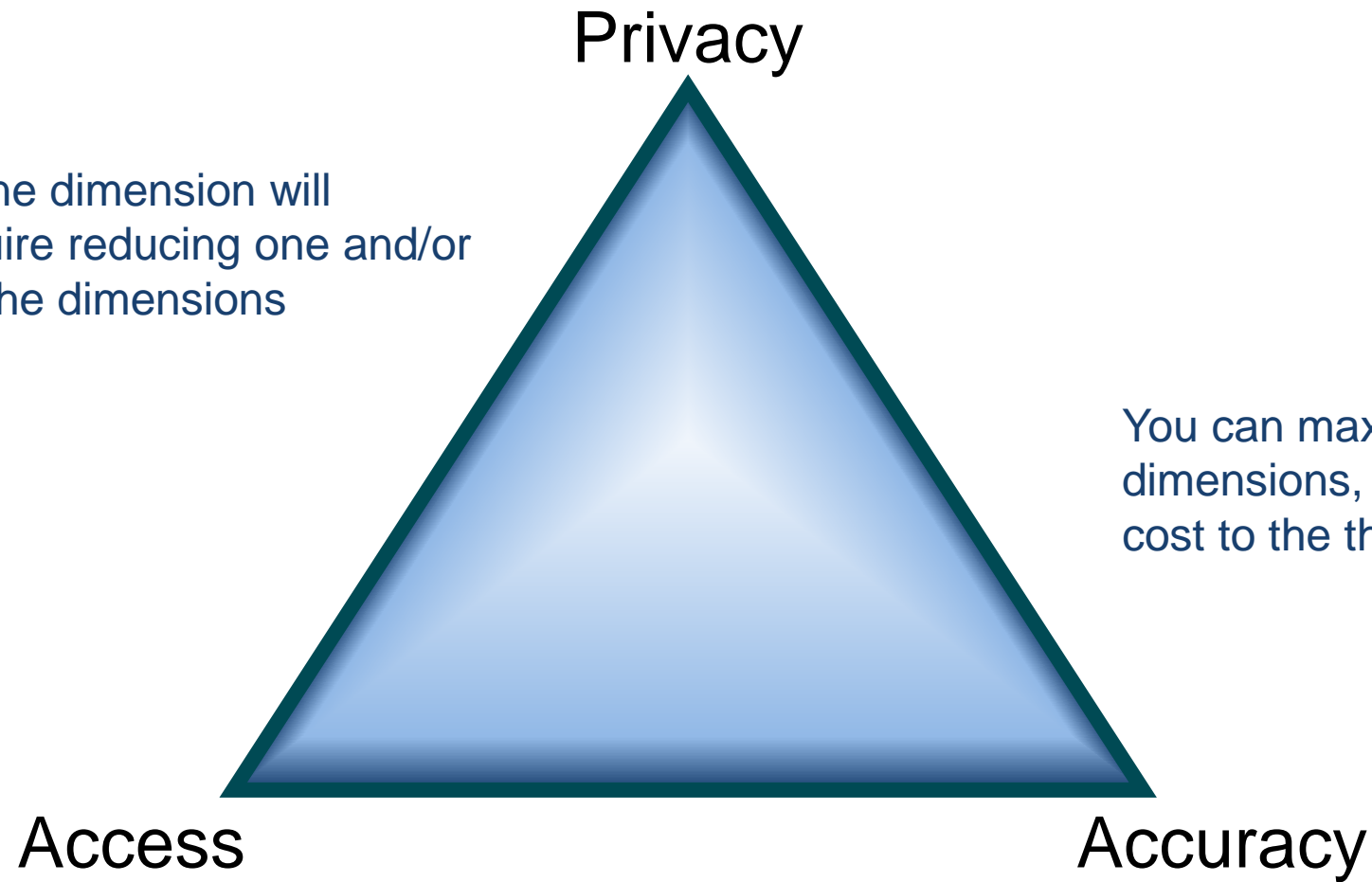
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The “Trilemma of Official Statistics”

Increasing one dimension will typically require reducing one and/or the other of the dimensions



You can maximize on two dimensions, but only at profound cost to the third.

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CONFIDENTIAL INTERNAL AGENCY DATA

Statistical Disclosure Limitation

PUBLIC DATA

High Risk



"No" Risk

CONFIDENTIAL INTERNAL AGENCY DATA

Disclosure Avoidance

Admin. Controls

Technology Controls

Physical Controls

Statistical Disclosure Limitation

PUBLIC DATA

High Risk



"No" Risk

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Disclosure Avoidance
Safe Data

Admin. Controls
*Safe People/
Safe Projects*

Technology Controls
Safe Settings

Physical Controls
Safe Settings

Statistical Disclosure Limitation

PUBLIC DATA *Safe Outputs*

High Risk



"No" Risk

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Disclosure Avoidance
Impacts Data Quality

Admin. Controls
Impacts Access & Uses

Technology Controls
Impacts Flexibility and Cost

Physical Controls
Impacts Access and Convenience

Statistical Disclosure Limitation

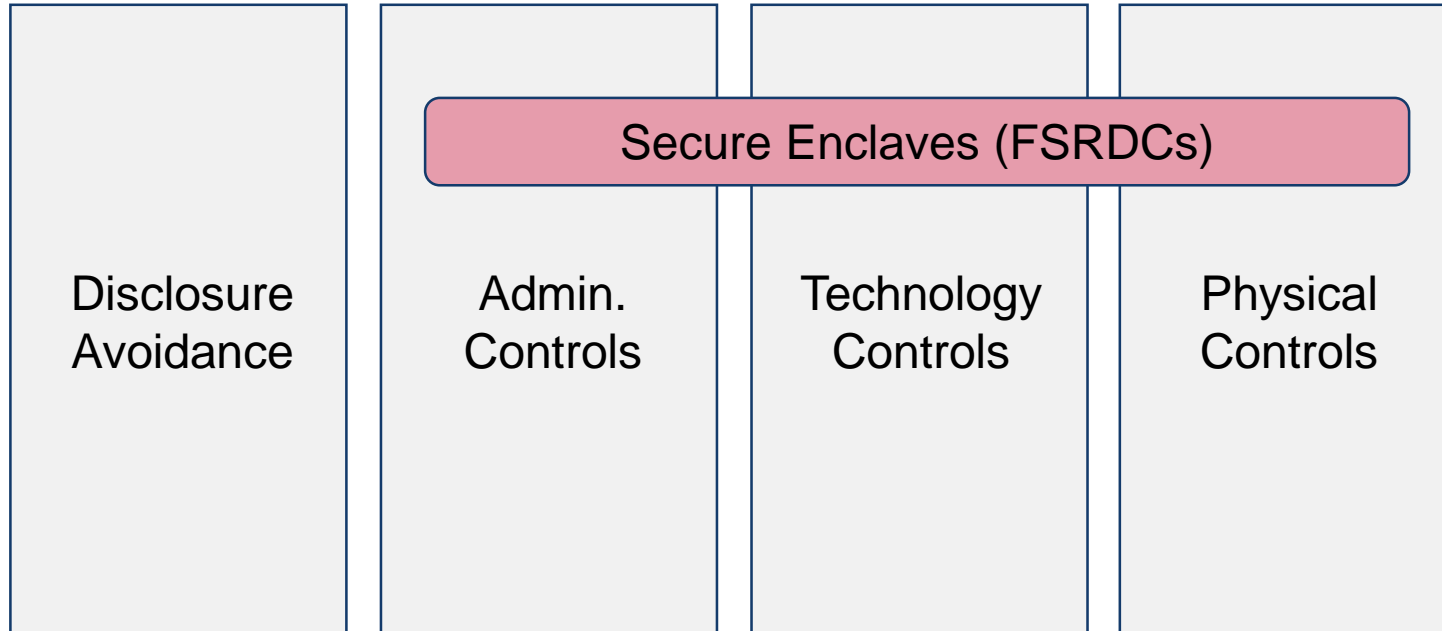
PUBLIC DATA

High Risk



"No" Risk

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Statistical Disclosure Limitation

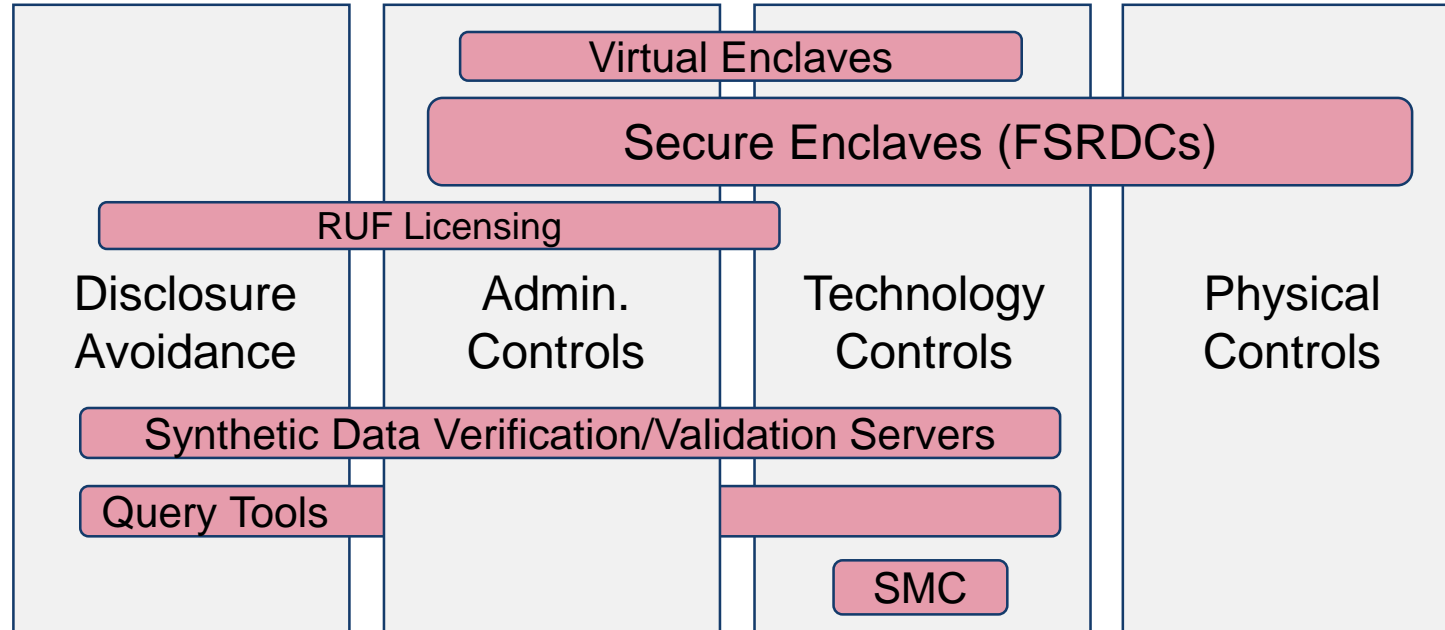
PUBLIC DATA

High Risk



“No” Risk

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Statistical Disclosure Limitation

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High Risk



“No” Risk

Questions?

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