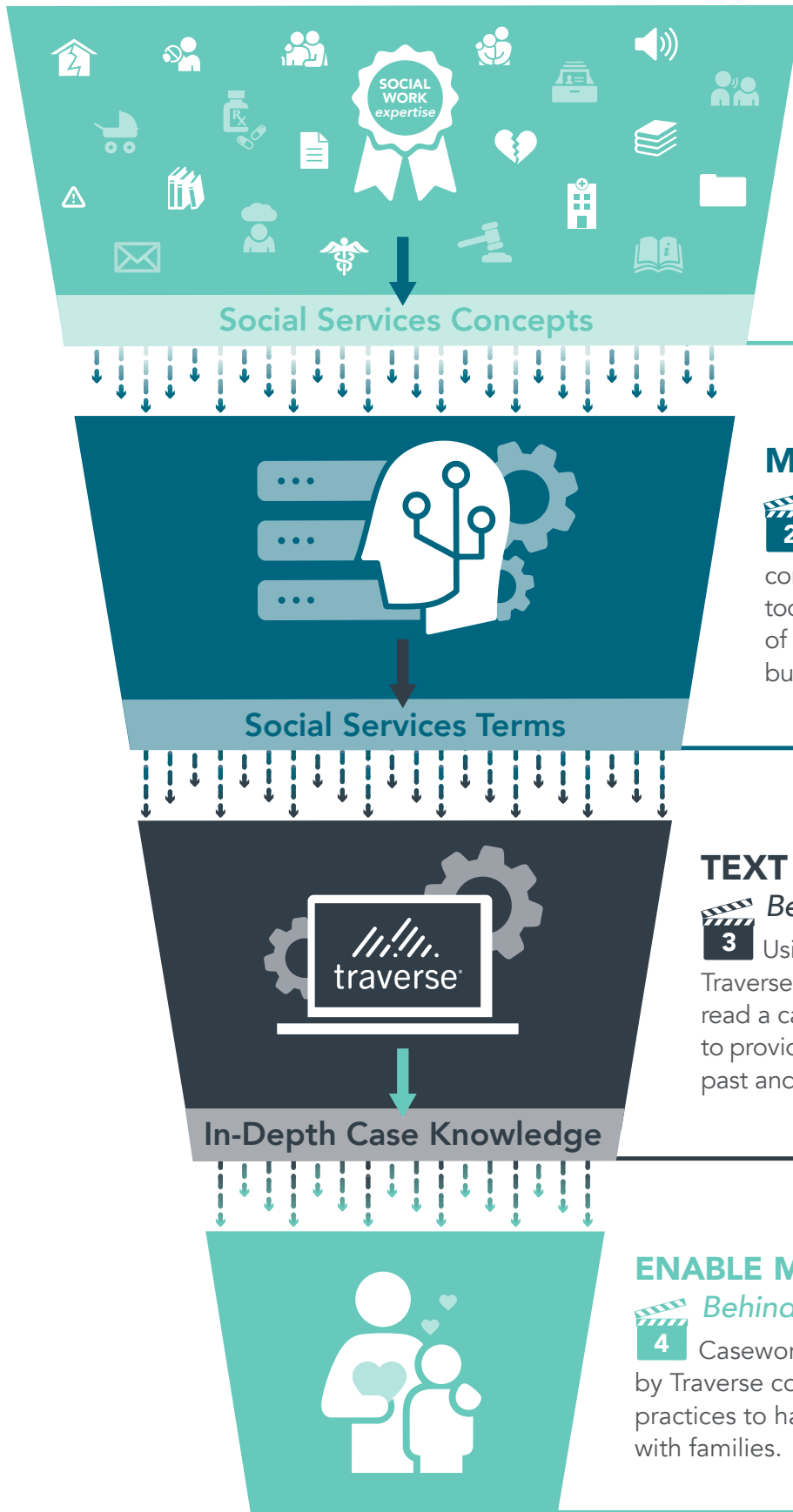




ARTIFICIAL INTELLIGENCE IN SOCIAL SERVICES EXPLAINED

Traverse uses a combination of machine learning and a social services specific ontology developed by Northwoods with industry experts to support evidence-based best practices and enable meaningful interactions with families.



SOCIAL SERVICES ONTOLOGY

Behind the Scenes

1 Northwoods social services experts apply years of frontline experience and current research into best practices, agency audits, and Child & Family Services Reviews to create social services specific concepts related to drugs, risk factors, and protective factors.

MACHINE LEARNING

Behind the Scenes

2 Northwoods' industry experts feed the concepts into best of breed machine learning tools and teach them to create a list of thousands of terms related to things like substance abuse, bullying, and parental resilience.

TEXT ANALYTICS

Behind the Scenes

3 Using the social services terms as a guide, Traverse applies natural language processing to read a case file like a social services professional to provide an in-depth understanding of the past and present.

ENABLE MEANINGFUL INTERACTIONS

Behind the Scenes

4 Caseworkers use the information surfaced by Traverse combined with their evidence-based practices to have more meaningful interactions with families.

As caseworkers continue to collect information, they feed it back into the funnel making the tools smarter and informing their practice.
Learn more about Traverse at teamnorthwoods.com/Products/Traverse