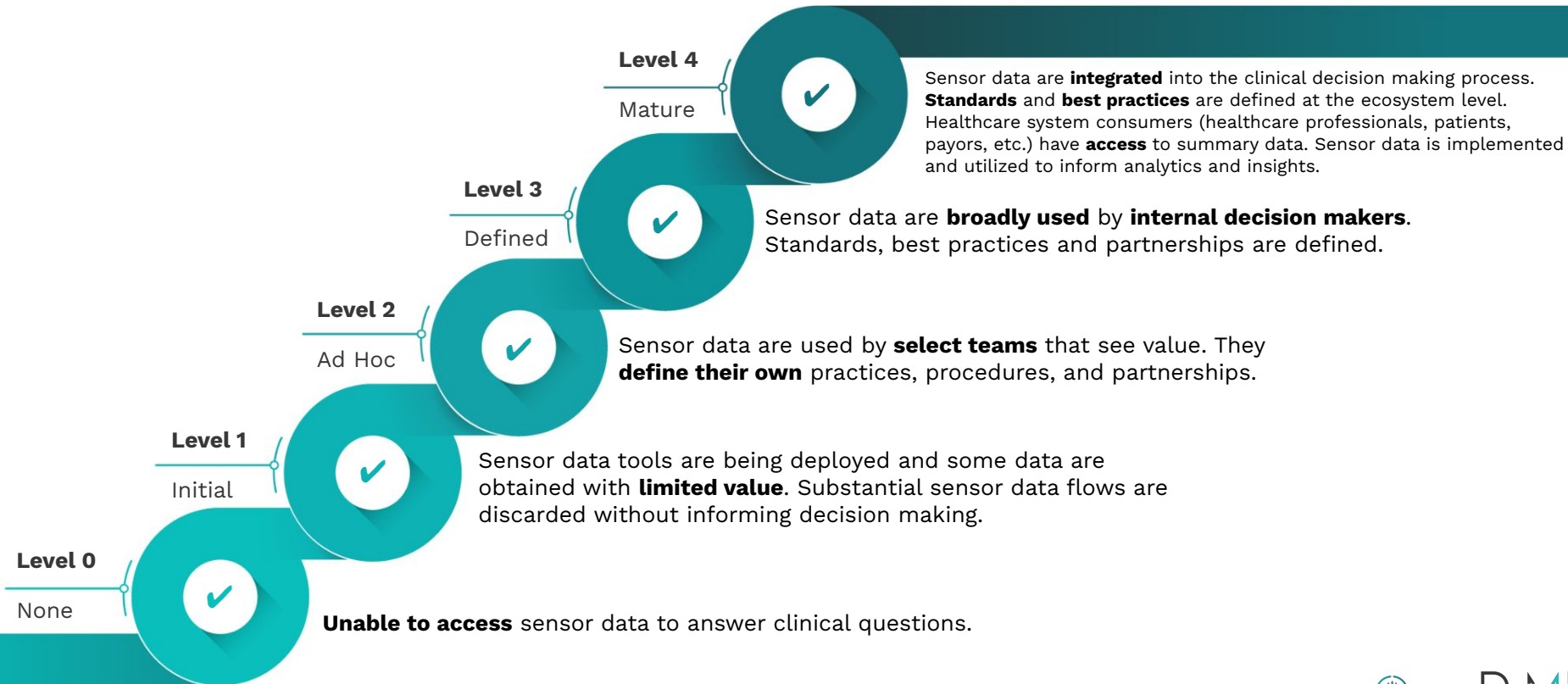


Capability maturity model for sensor data integrations



Capability maturity model for sensor data integrations

Level 0	Level 1	Level 2	Level 3	Level 4
None	Initial	Ad Hoc	Defined	Mature
<p>No access to sensor generated data</p>	<p>Low confidence in data</p> <p>Data often inaccessible or discarded due to poor quality</p> <p>Unclear path to choose the appropriate sensor technologies/manufacturers</p>	<p>Data is useable for individual clinical decisions (ex: go/no-go and hypothesis generation for research; decision augmentation in care)</p> <p>Extensive effort and aggregating middleware is required to normalize data streams from different protocols and/or data formats</p> <p>Few degrees of freedom in sensor technology selection; unclear decision making criteria for sensor choice.</p> <p>Evidence for trustworthiness or reliability of the data in context is lacking.</p>	<p>Data is accessible, relevant, and trustworthy for all internal decision makers</p> <p>Data may be suitable for third party decision makers (ex: regulators / payers) in limited contexts</p> <p>Procedures are in place to formalize exploratory methods and more consistent usage of data</p>	<p>Sensor data is relevant, accessible, and trustworthy to all stakeholders and can be integrated with data from other sources to advance outcomes for better quality of life across the care continuum.</p> <p>Documentation is available that defines clearly each field or data element.</p> <p>Data retains value and remains accessible, relevant, and trustworthy over time</p>