THE EVOLUTION OF DATA THROUGH 2025

Data is transforming our lives in new and important ways.

1. From business background to life-critical
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     - Business Background
     - Life-critical

2. From centralized to IoT and embedded systems
   - By 2025, a connected person will interact with a connected device nearly 4800 times per day.
   - The number of embedded system devices feeding the data center per person is expected to increase.
   - The amount of analyzed data that is 'touched' by cognitive systems will grow by a factor of 100 to 1.4ZB.

3. From consumer-led to enterprise-driven
   - The amount of analyzed data that is 'touched' by cognitive systems will grow by a factor of 100 to 1.4ZB.
   - In 2025, 75% of the world's population will be connected.

4. From passive machines to artificial intelligence
   - The amount of analyzed data that is 'touched' by cognitive systems will grow by a factor of 100 to 1.4ZB.
   - In 2025, 75% of the world's population will be connected.

5. From unconnected to mobile, real-time data
   - By 2025, 75% of the world's population will be connected.

Security as a critical foundation

Seagate advises global business leaders to focus on the data that's critical to the success of their business.

- Build your expertise
  - IT needs to work with everyone in the business to audit the data and work with the CEO to create a long-term coherent strategy.
- Make analytics part of your process
  - Embrace the use of analytics for evidence-based decision making, affecting not just processes but also culture and organizational need.
- Get security right
  - Top management must recognize that security is not a technical need with a technical solution. It is an organizational need.
- Integrate back office with IoT
  - IoT will drive merged operations between the back-office and operational systems—such as labs, operating room, factory floors, and electrical grids—as all digital activity migrates to IP networks.
- Make digital transformation an all-hands-on-deck effort
  - Third parties such as cloud providers, software firms, and baseline technology suppliers should become your partner and part of your strategy.

For more information, check out DataAge2025.com