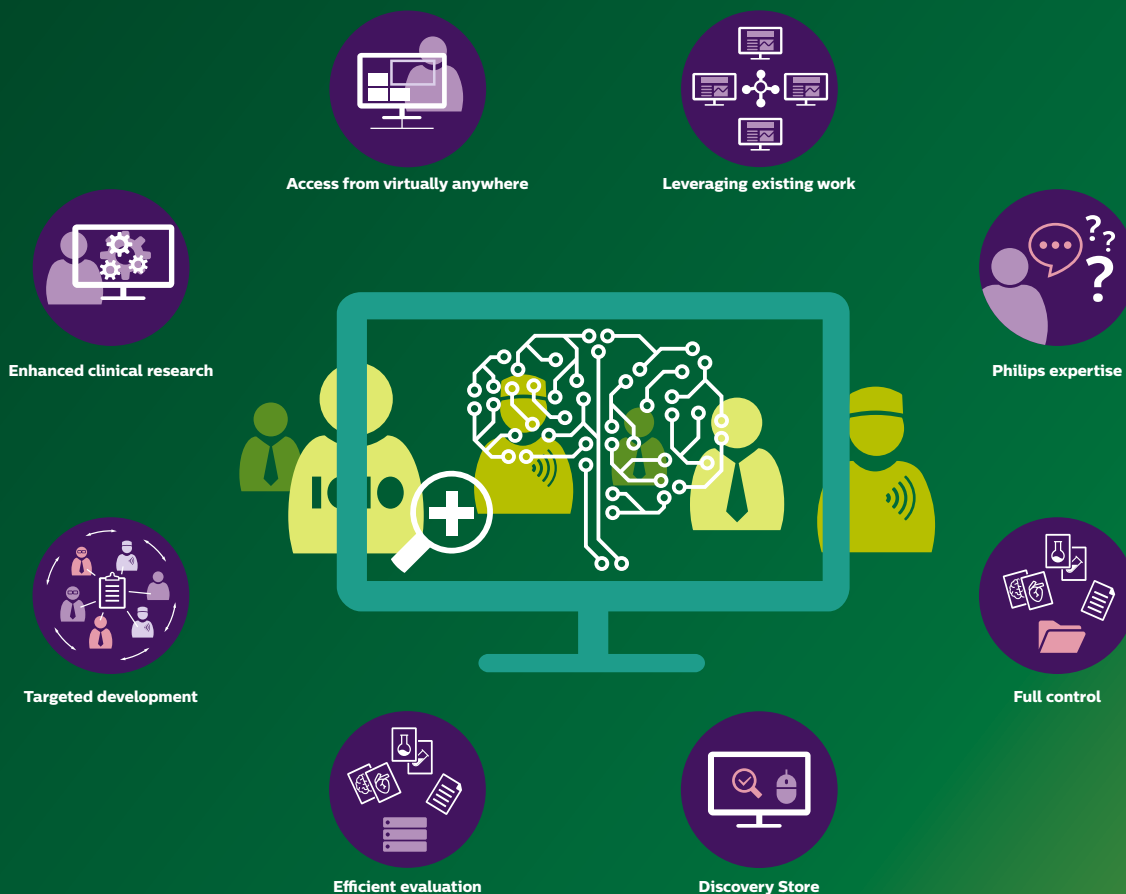**PHILIPS**

IntelliSpace

Discovery

Enabling hospitals to use
AI for medical research

Philips can provide a wealth of AI-enabled solutions, but we also support customers in finding insights in their own healthcare data. If physicians and data scientists want to build their own AI models for medical research, Philips IntelliSpace Discovery* gives them access to advanced analytic capabilities to curate and analyze the healthcare data gathered in their own institution.

*IntelliSpace Discovery is for research use only and cannot be used for patient diagnosis or treatment selection

Access from virtually anywhere

Leveraging existing work

Enhanced clinical research

Philips expertise

Targeted development

Full control

Efficient evaluation

Discovery Store

We know that one of the biggest challenges in implementing artificial intelligence is that up to 75% of healthcare data is unstructured. Unlike many other industries where the data is relatively clean and normalized, a large amount of clinical information is currently captured in medical notes of various kinds and formats. The lack of interoperability between systems makes it even more difficult to quickly extract the right data. It also poses challenges for the implementation of research solutions into a hospital network.

This is why Philips IntelliSpace Discovery is designed to offer an integrated AI solution that enables the entire process of generating new AI applications, providing data integration, training and deployment in the research setting. The IntelliSpace Discovery Research Suites include tools to create tailored data analysis and AI solutions in a research environment. The easy-to-use research suites for physicians and technicians provide access to advanced analysis and AI methods, while the integrated development and analytics environments allow direct data access and real-time feedback between physicians and data scientists to enhance collaboration.

Physicians or data scientists can also participate in a full ecosystem of solutions. The IntelliSpace Discovery store is a cloud-based solution provided by Philips, which contains a library of the latest research applications and plugins for easy download and installation on a hospital's local IntelliSpace Discovery server. The IntelliSpace Discovery Store also provides the opportunity for customers to make their own research algorithms and plugins available to other users in the IntelliSpace Discovery community.

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