

**[ ITensor + a Quantum Device + dlibC++Machine Learning Library ] to Probe [ Hardware-Software-Firmware ] Interaction with [ Critical Infrastructure + Smart Device + IoT + HPC ] in the Context of Advanced Medical Imaging - A Novel Suggestion in Designing Intelligent Wireless Medical Imaging Platform Using Related Machine Learning Informatics.**

“If you cannot explain something in simple terms, you don't understand it. The best way to learn is to teach. “ - Prof.Richard Feynman.

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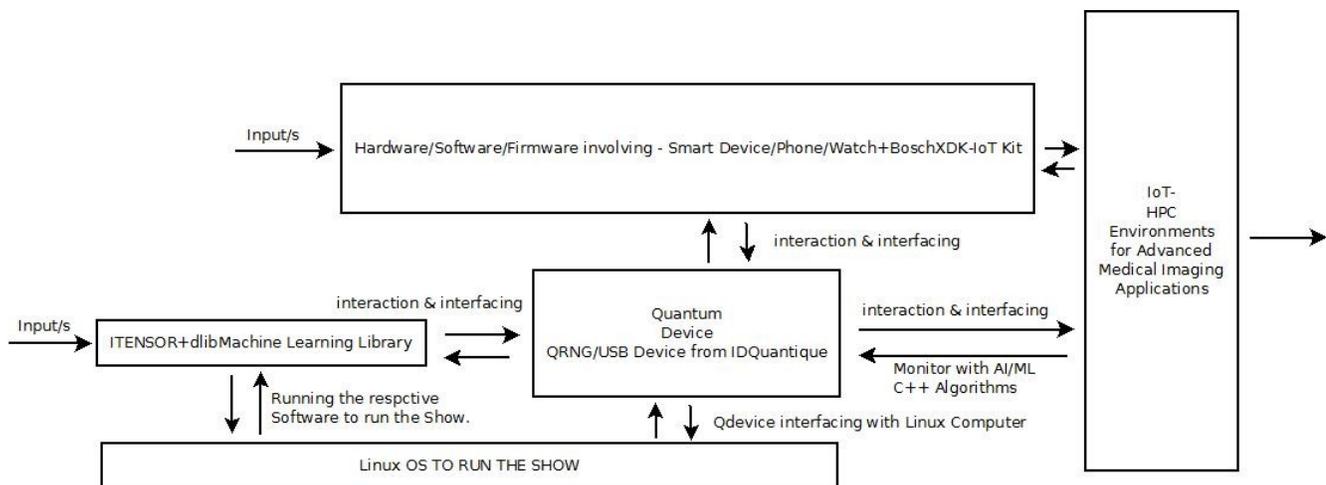
**[I] Introduction & Implementation of Informatics/Medical Image Processing Framework :**

“ITensor—Intelligent Tensor—is a C++ library for implementing tensor network calculations. See the [list of recent papers using ITensor](#).

Features include:

- Index ordering is handled automatically
- Full-featured matrix product state and [DMRG](#) layer
- Quantum number conserving (block-sparse) tensors; same interface as dense tensors
- Complex numbers handled lazily: no efficiency loss if real
- Easy to [install](#); only dependencies are BLAS/LAPACK and C++17
- Interface uses friendly, productive subset of the C++ language “

[ Source : <https://itensor.org/> ] **For other information- please read our references at the end. Thanks.**



Approximate Imaging & Informatics Framework for Designing & Developing Advanced Medical Imaging Platform  
Not endorsing any Commercial Products/Software here,just to demonstrate a feasible Imaging Platform to probe Medical Images with cryptography.

PLEASE READ CHECK & SATISFY YOUR SELVES BEFORE USING OUR FRAMEWORKS & DESIGN.

Testing in Progress at the time of submission.

Non-Profit R&D.

Thanks - Nirmal.

**[ Figure I – Our Total Overview of Medical Imaging Platform With IoT/HPC/QRNG ]**

## **[II] Acknowledgment/s :**

Special Thanks to all Who made this happen in my LIFE. Non-Profit Academic R&D.  
Non-Commercial Research.

## **[III] Reference/s :**

[a] [http://vixra.org/author/nirmal\\_tej\\_kumar](http://vixra.org/author/nirmal_tej_kumar)

[b] <http://vixra.org/author/nirmal>

[c] [http://vixra.org/author/n\\_t\\_kumar](http://vixra.org/author/n_t_kumar)

[d] [http://vixra.org/author/d\\_n\\_t\\_kumar](http://vixra.org/author/d_n_t_kumar)

[e] <https://itensor.org/>

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**“ Unless you try to do something beyond what you have already mastered, you will never grow”.**  
**Ronald E Osborn.**

**THE END.**