

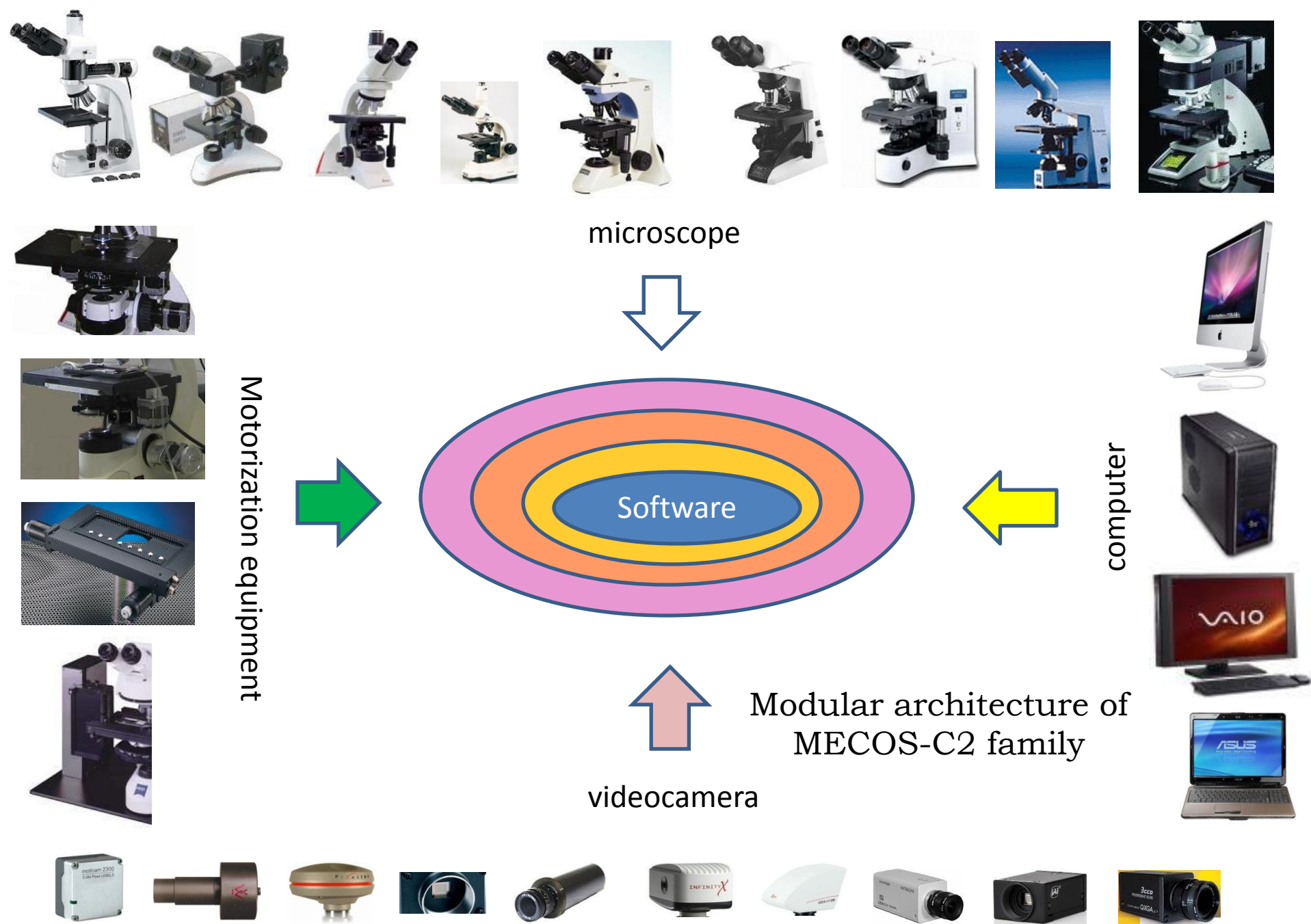
MECOS-C2: multi-functionality, module architecture, complete set family

16-year experience of development of automated microscopy systems for different type analyses has convinced us of advantage of multi-functionality as a factor of a separate analysis technology improvement. That is why MECOS developments have been combined into one MECOS-C2 family including systems with different level of automation and different sets of functions.

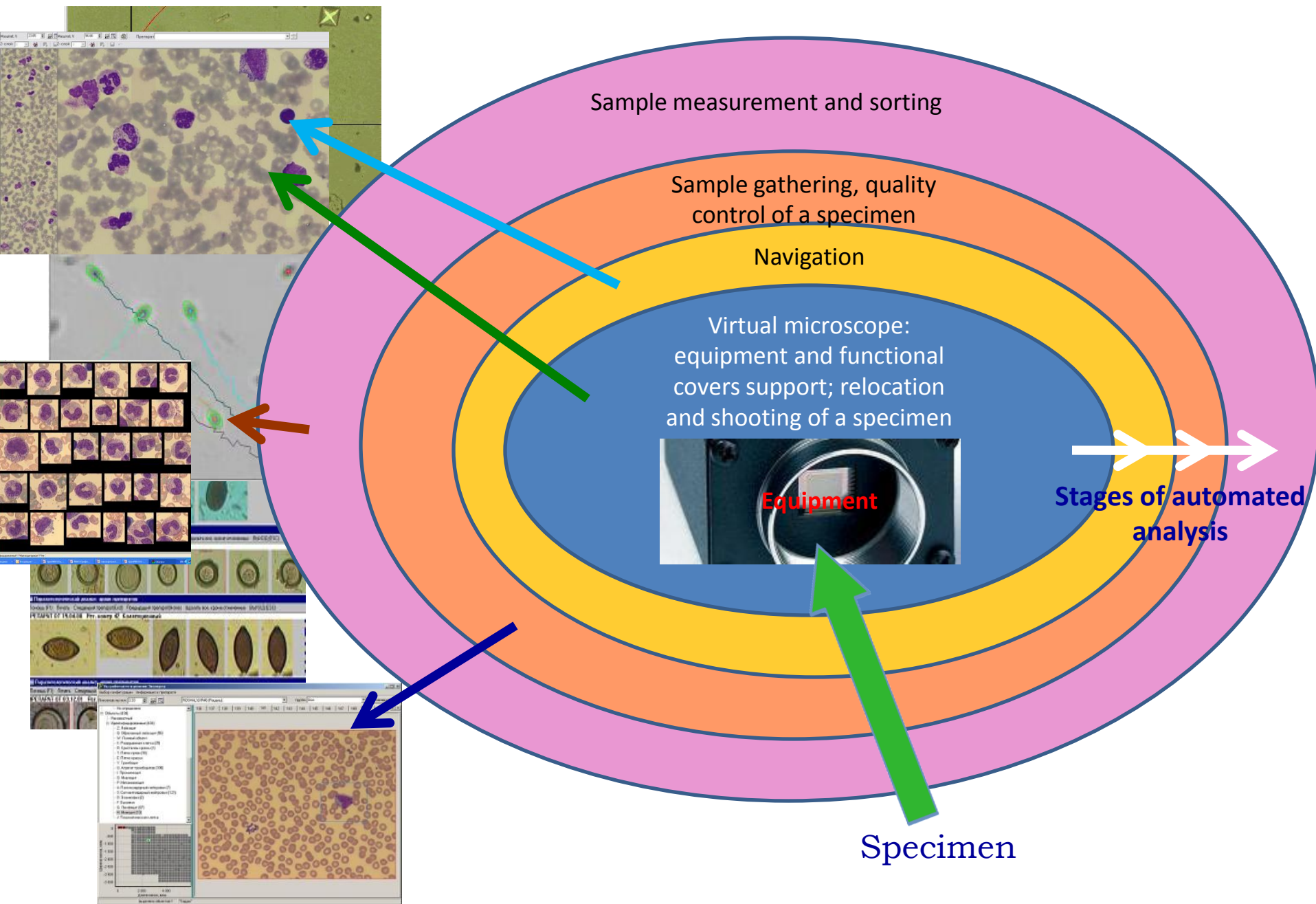
Standard complete set of MECOS-C2 complex includes microscope, motorization equipment, videocamera, computer, and software. MECOS-C2 has modular architecture allowing apply component units of many types.

The MECOS-C2 modular architecture provides with:

- Variety of component units from different manufacturers with different properties;
- full spectrum of functionality from visualization device to robotic system with service up to 8 slides simultaneously;
- Above 500 complete sets for laboratories of different level from simplest economy to high-tech exclusive;
- a wide possibility of adaptation and modernization under customer requests.



MECOS-C2: software system platform for support of variety of equipment complete sets and inserted functional program covers – analysis stages



A software plays main role in creation and support of flexible architecture under conditions of fast changes of equipment properties. The MECOS-C2 software mobility makes it possible to introduce quickly equipment and algorithm news proposed by world community.

MECOS-C2 software mobility and multi-functionality are effects of its special architecture and developing technology applied. MECOS-C2 software includes “virtual microscope” system platform which converts for user and for functional programs varied properties of different equipment complete sets to standard environment. The platform usage and sectioning architecture of functional software create possibilities for including into any specimen analysis technology variety of known and special algorithms and for their fast adaptation to concrete analysis conditions.

Fast testing of new analysis technologies versions can be done thanks to adoption of “reference virtual slides” MECOS developing technology.

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