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*dedicated to motion*
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# M C F

# Motion Control Foundation



Diagram labels:

Software | Hardware

- Customized Software
- MCF Programming Interface
- Users
- RayMarking
- MCF
- RMC2
- I/O Interface
- SPD
- XY-100
- 2D Post-Scanning Galvo
- 3D Post-Scanning Galvo
- 3D Pre-Scanning Galvo
- 2D Pre-Scanning Galvo
- As of now
- NP-BX/NP-TF Series
- Neutron Series — 50mm, 30mm, 20mm, 14mm
- Quantum Series — 50mm, 30mm, 20mm, 14mm, 12mm, 10mm
- Atom Series — 10mm
- NP-BX/QP-BX Series — 14mm, 12mm, 10mm
- NP-TF/QP-TF Series — 50mm, 30mm, 20mm, 14mm
- Others

Column labels: Application | Library | Scanner Controler | Interface Protocol | System types | Device Model
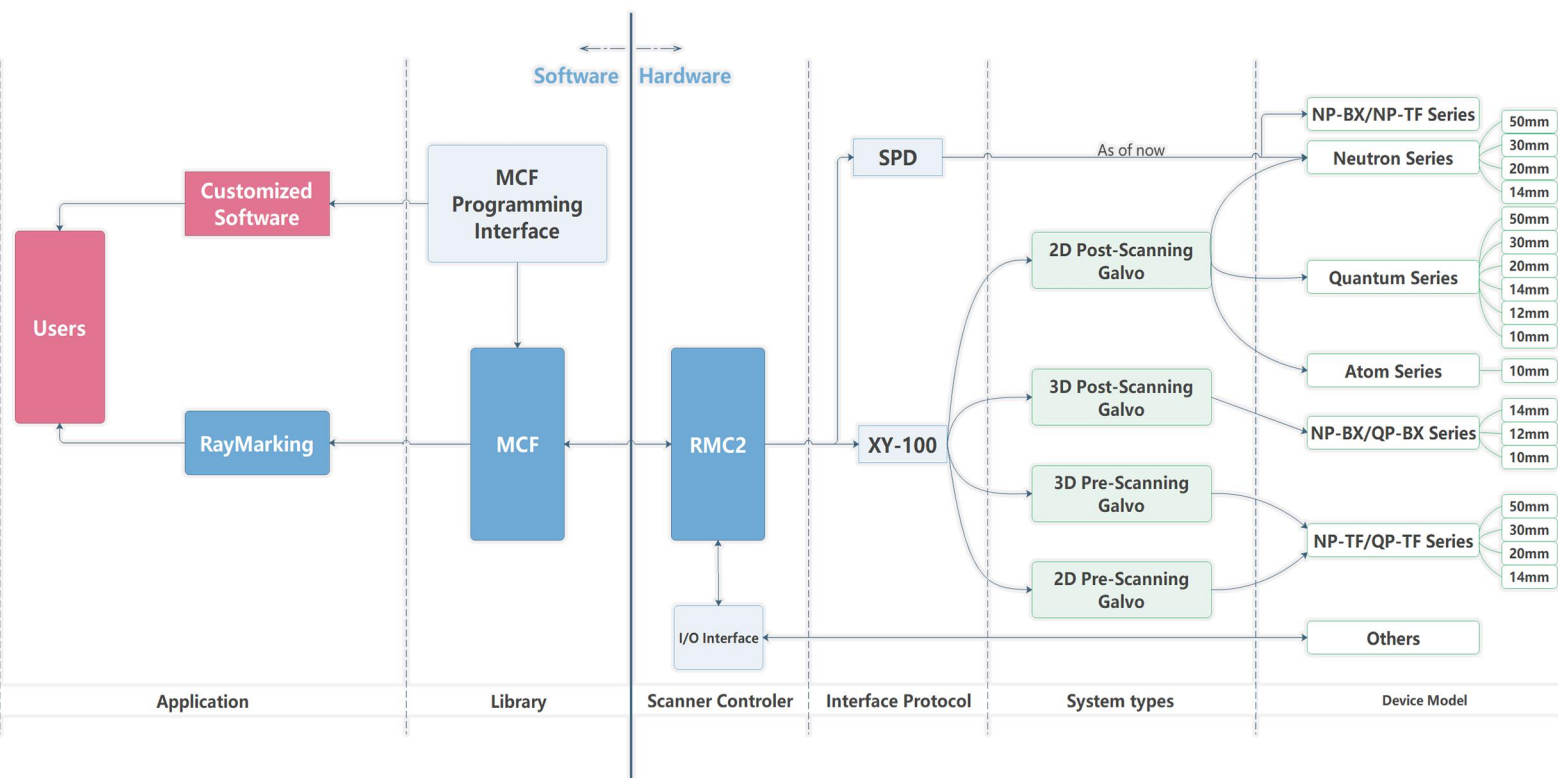
## MCF

MCF, known as Motion Control Foundation, is an open system architecture developed by RAY-MOTION based on C# language.

MCF is used in the development of oscilloscope control systems, with a complete program framework and integrated high-quality algorithms to facilitate the secondary development of applications to suit your needs.

The RayMarking series software developed by RAY-MOTION on the basis of the MCF system architecture enables quick adjustment of elements, configuration of parameters, easy execution of calibration of the scanner system, and addition of additional mode functions such as flight, Wobble, 3D, etc.

## MCF

MCF（Motion Control Foundation）是 RAY-MOTION 公司推出的二次开发工具，基于 C# 语言开发的开放式系统架构。应用于振镜控制系统的开发，具有完整的程序框架、集成优质算法方便客户对其进行二次开发应用以契合自身需求。

RAY-MOTION 公司在 MCF 系统架构的基础上开发的 RayMarking 系列软件，能够快速进行图元调整、参数配置，便捷地执行振镜扫描系统校正，添加如飞行、Wobble、3D 等附加模式功能。