

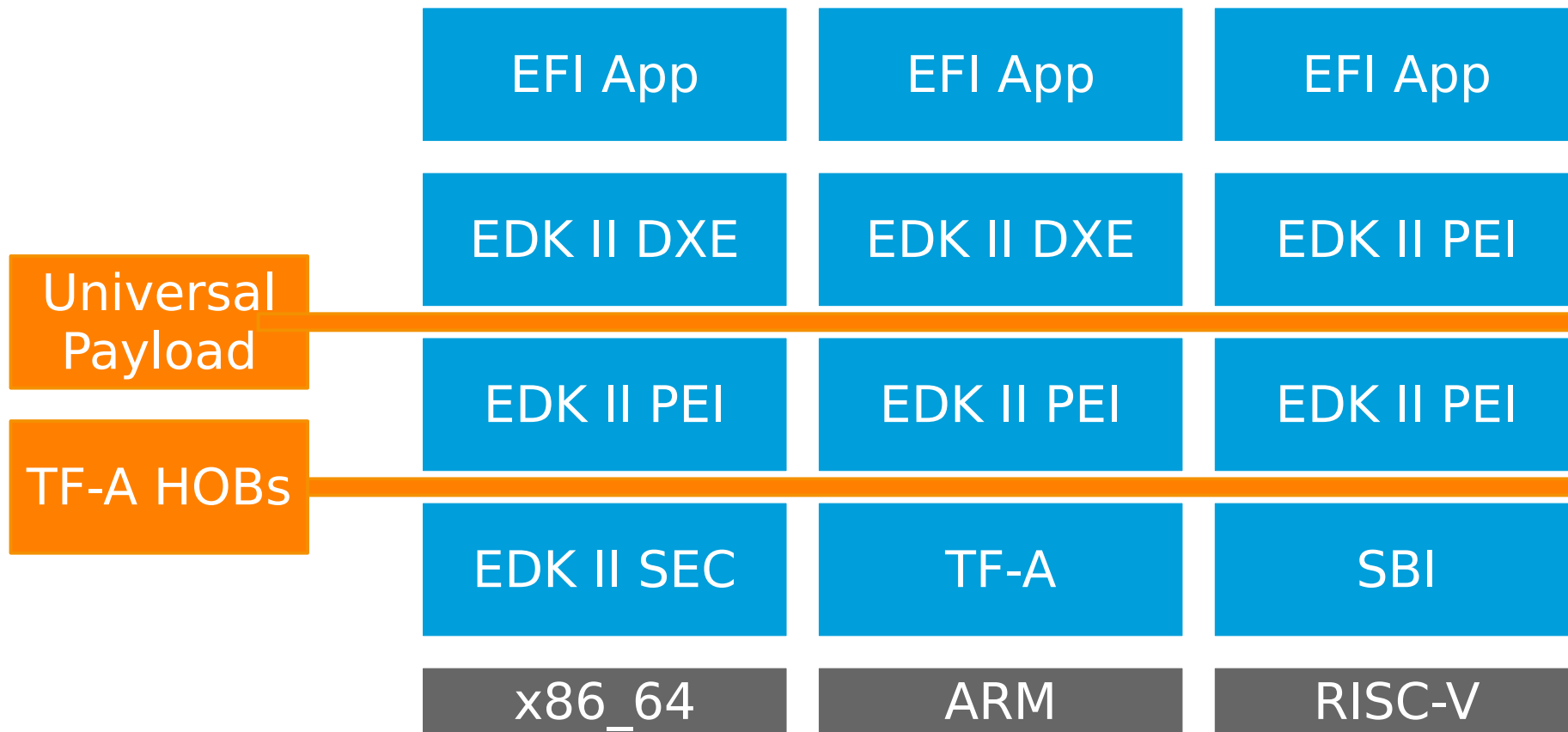
Handoff Between Firmware Stages

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UEFI Software Stack

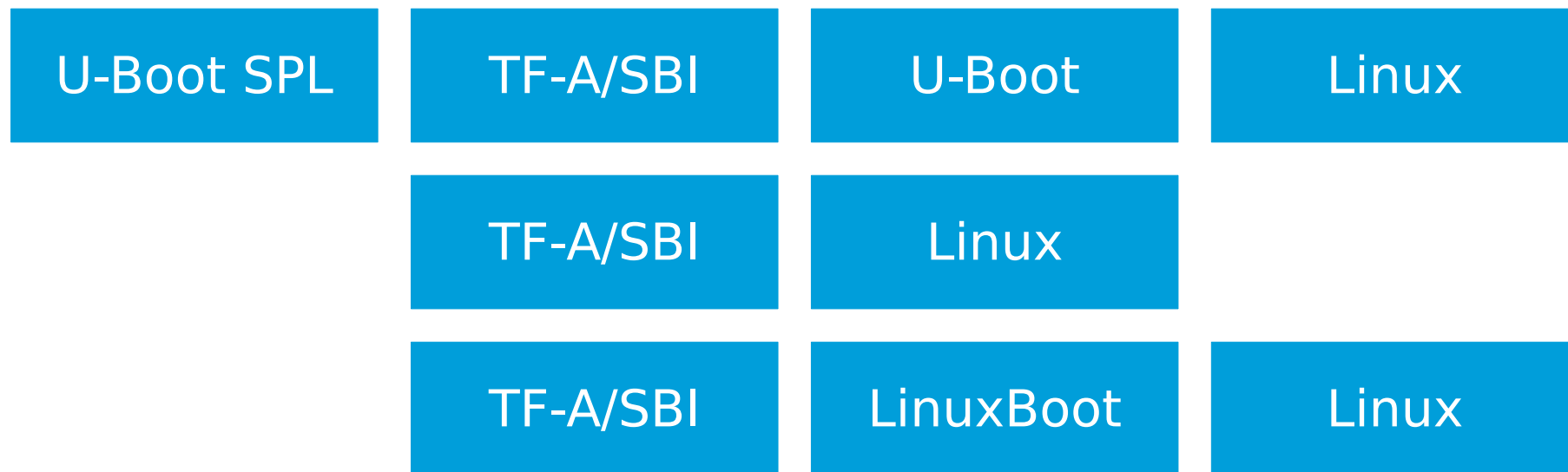


Interface Discussions



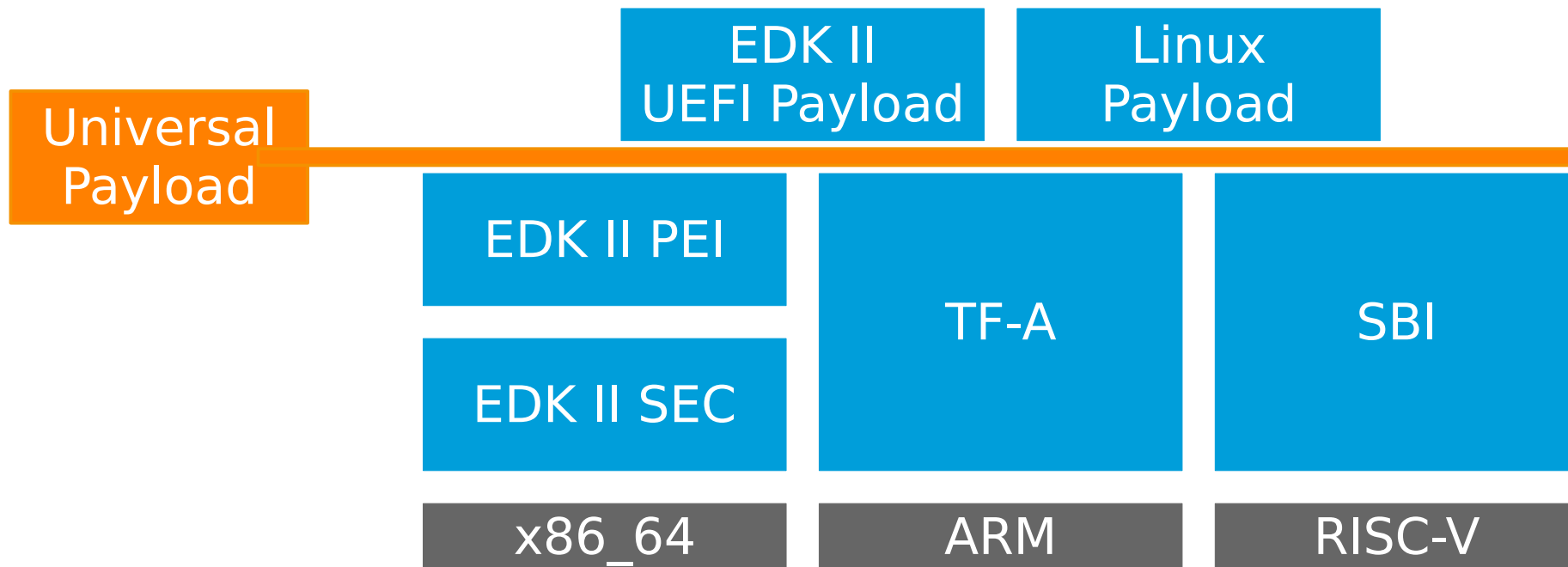
Do We Need a PEI?

Boot Flows



TF-A: ARM_LINUX_KERNEL_AS_BL33 option

Interface Discussions



Design Principles

- Execute at minimum privilege level
- Minimize number of software components
- Standardize software interfaces

Backup



Privilege Modes

Ring 3	PL0	EL 0	VU-mode U-mode
Ring 0	PL1	EL 1	VS-mode S-mode
Hypervisor Mode	PL2 (HYP)	EL 2	HS-mode S-mode
System Mgmt Mode	Secure PL1	EL 3	M-mode
x86_64	ARMv7	ARMv8	RISC-V