



# SEP Introduction

**CENTERM**

# Desktop Virtualization Issues

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High network bandwidth consumption

Greatly influenced by network stability

Nonsupport large number of peripherals

Poor rich-media performance

# Centerm Response

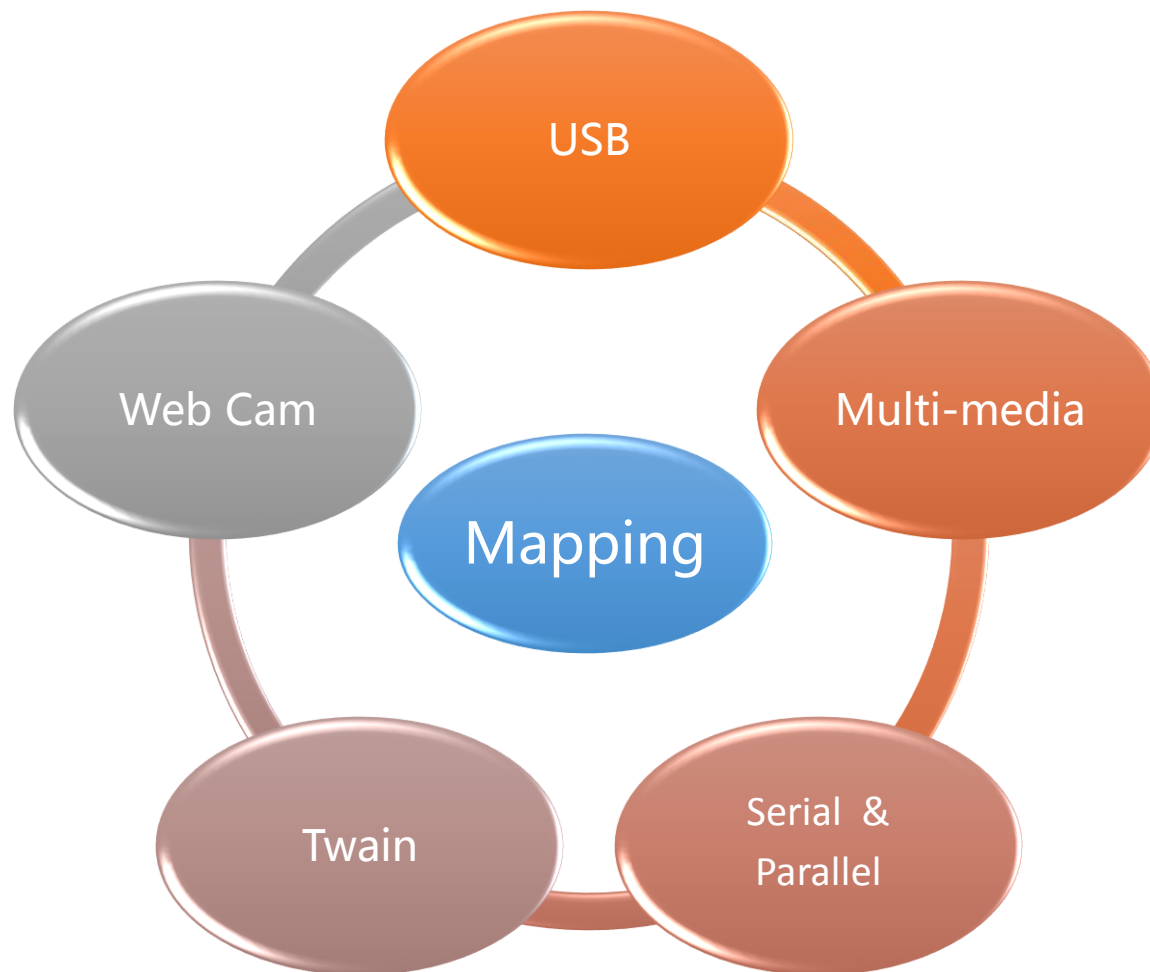
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In order to deliver seamlessly virtual desktop user experience, Centerm develop its patented SEP(Smart Extended Protocol) enhanced software based on its more than 10 years experience in thin client market.

SEP is an enhanced component for Citrix ICA, VMware PCoIP, Microsoft RDP solution which composed of SEP client , SEP server and authorization server.

# SEP Introduction

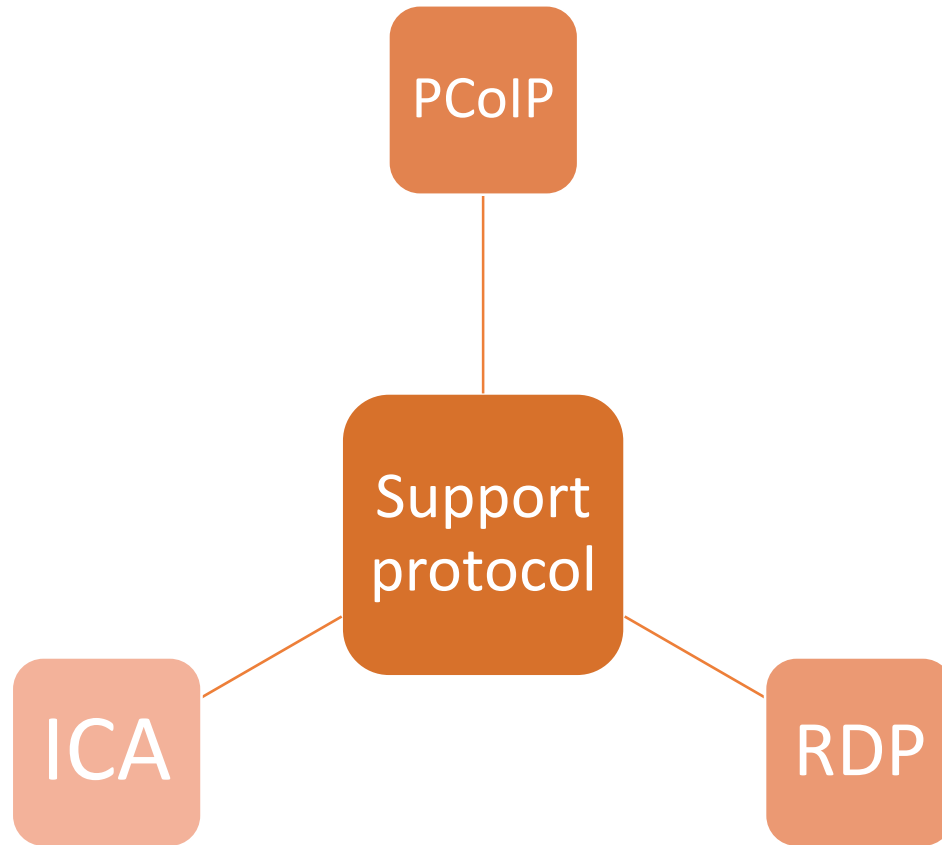
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Seamlessly desktop virtualization user experience

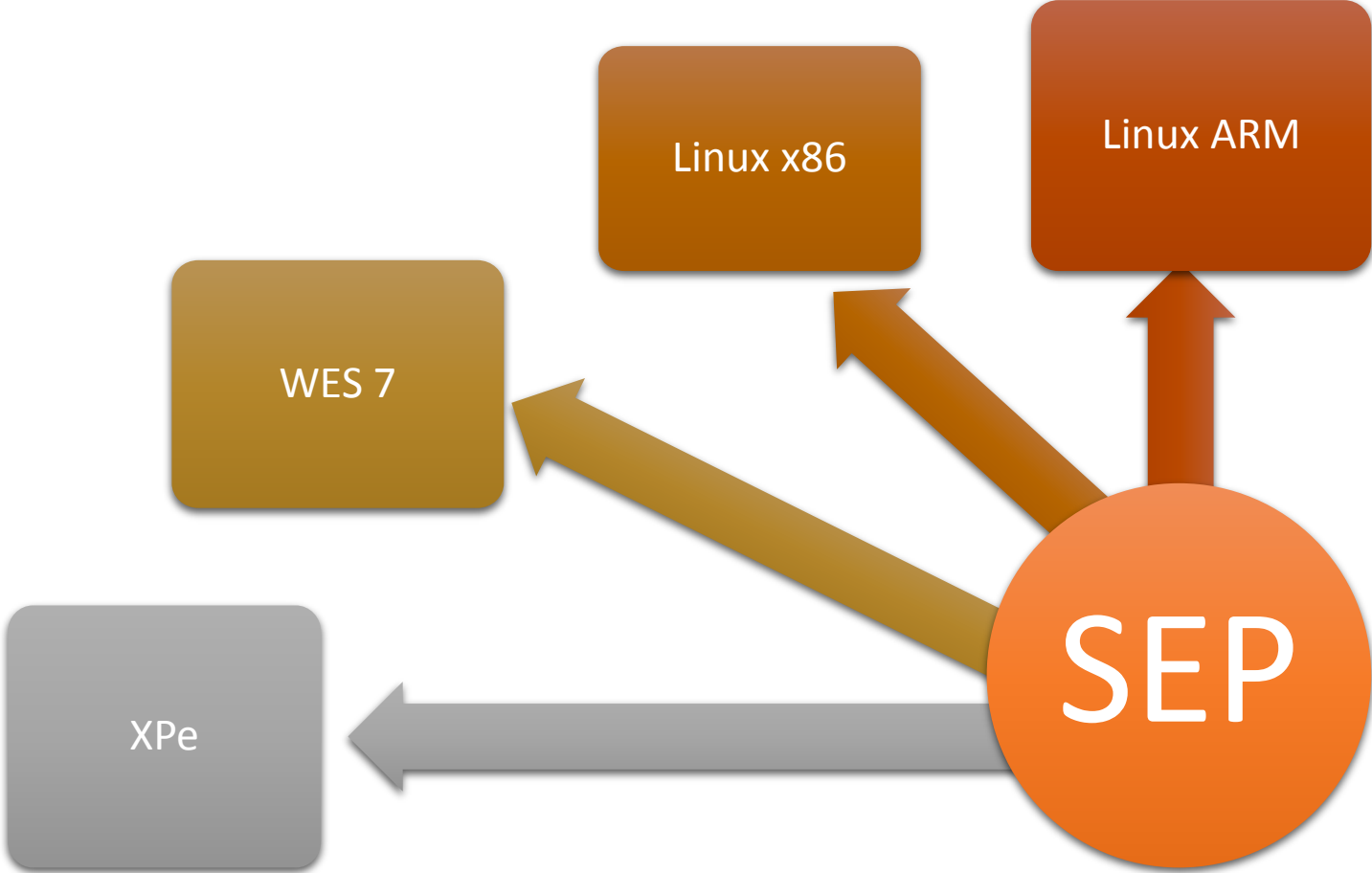
# SEP Introduction

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Support mainstream protocol

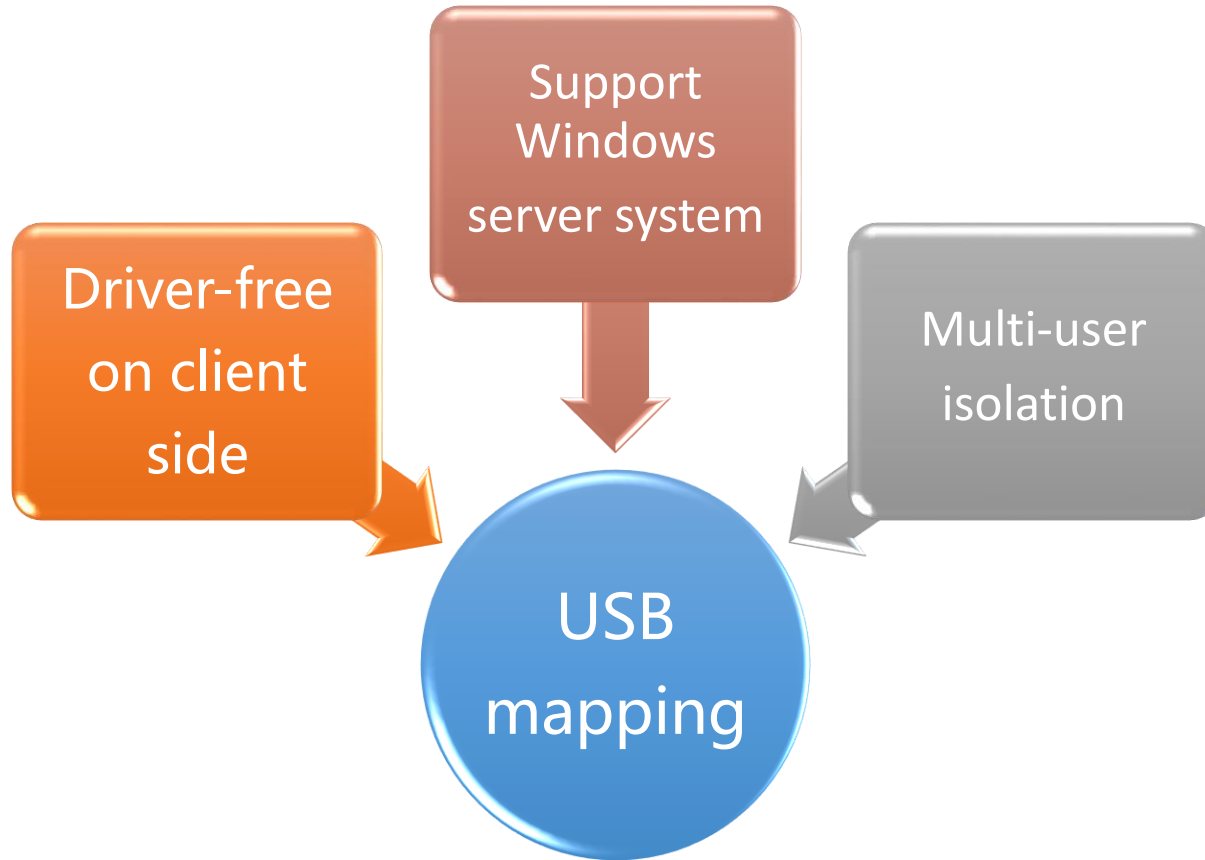
# SEP Introduction



Support all Centerm terminal and operating system

# SEP Feature 1 : USB mapping

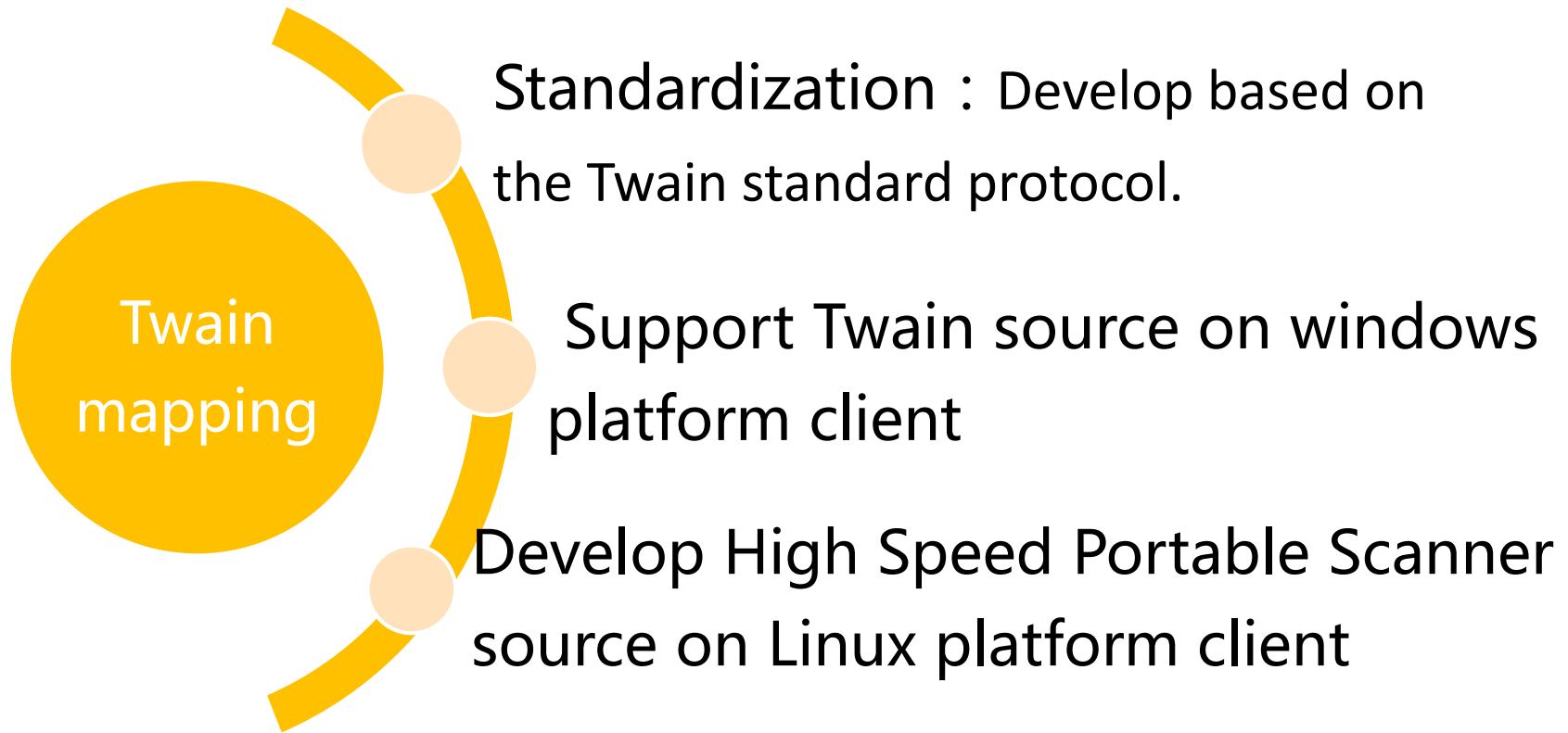
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Theoretically, SEP is able to map all the USB device

# SEP Feature 2 : Twain mapping

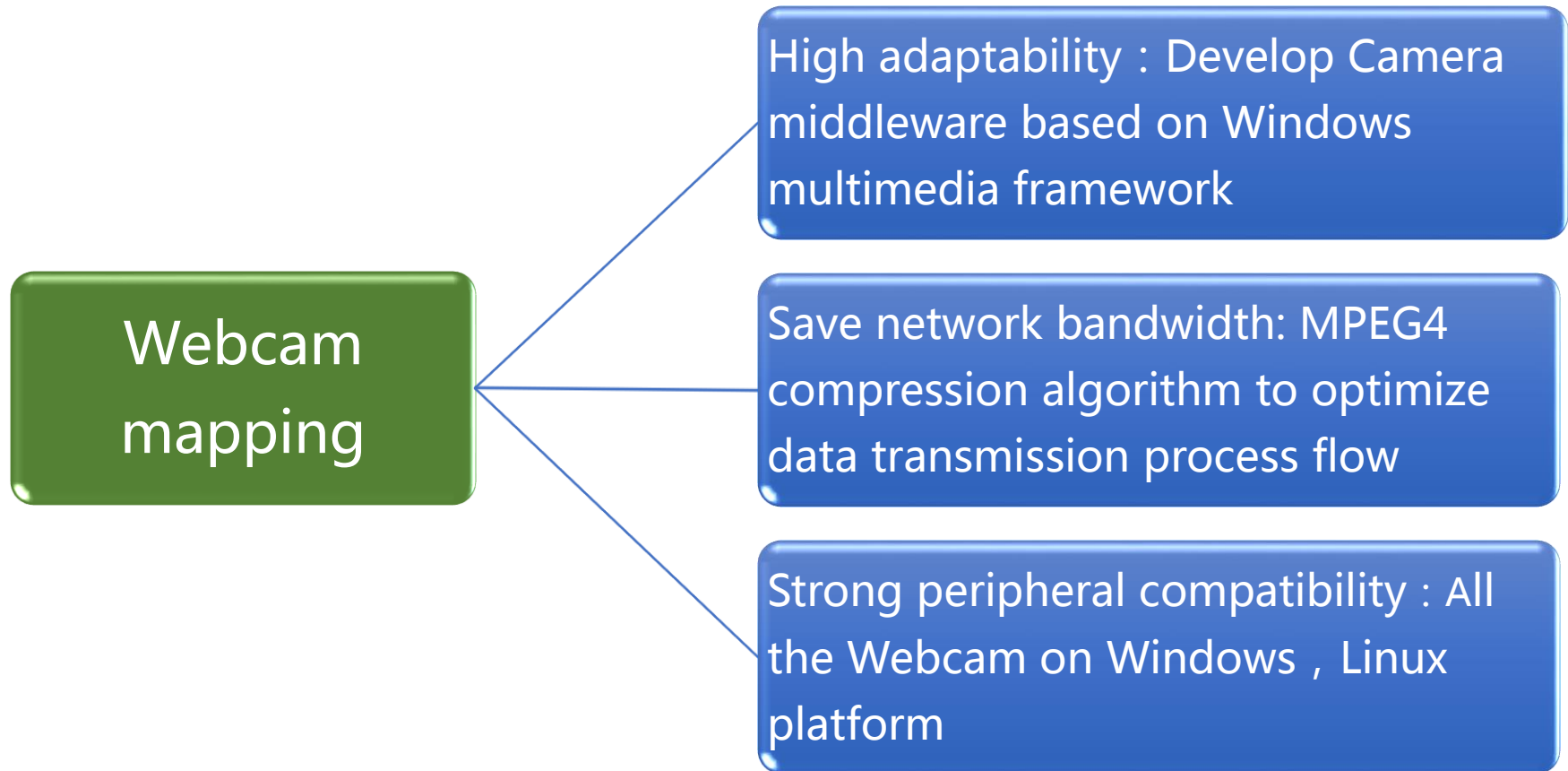
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The optimal solution for static image collection

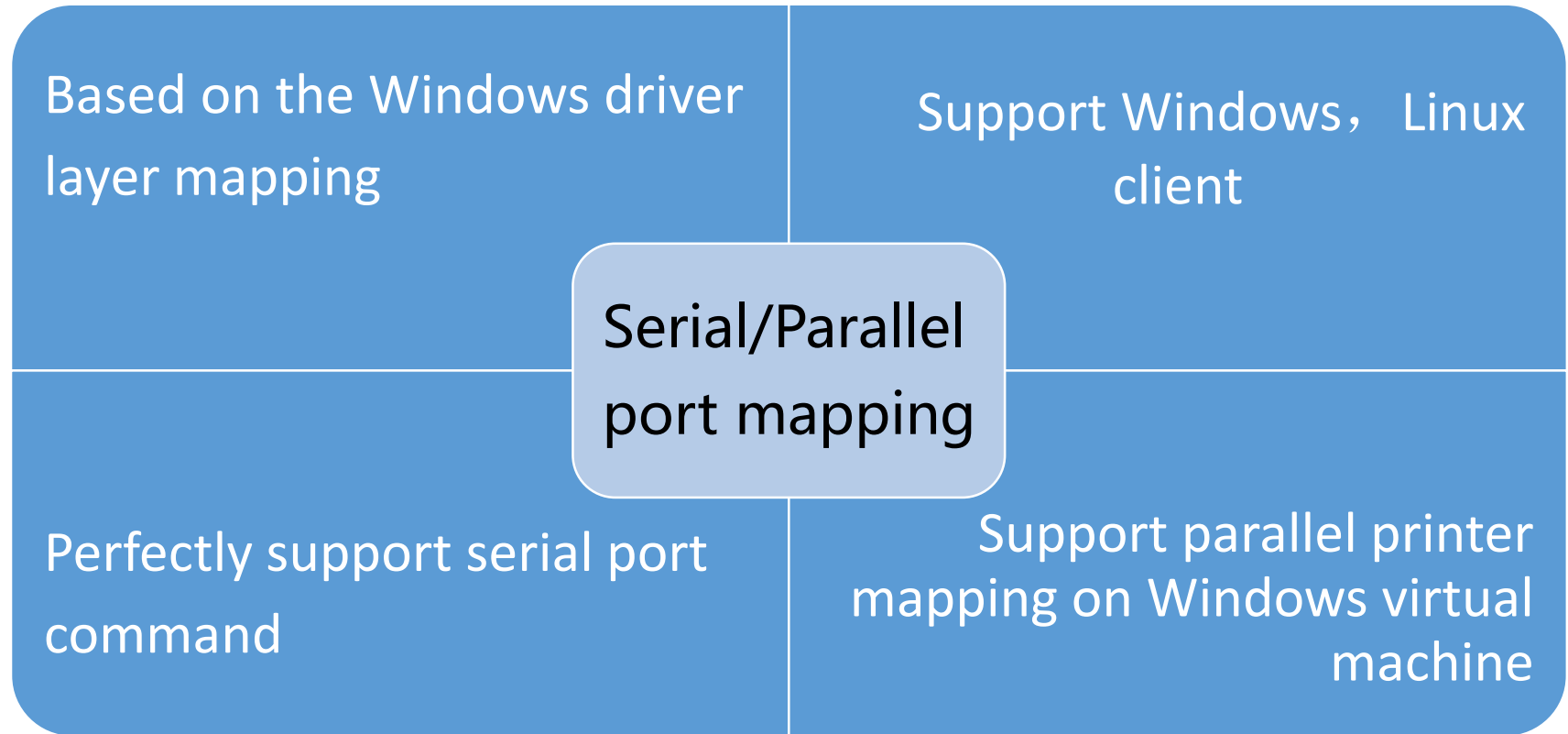


# SEP Feature 3 : Webcam mapping



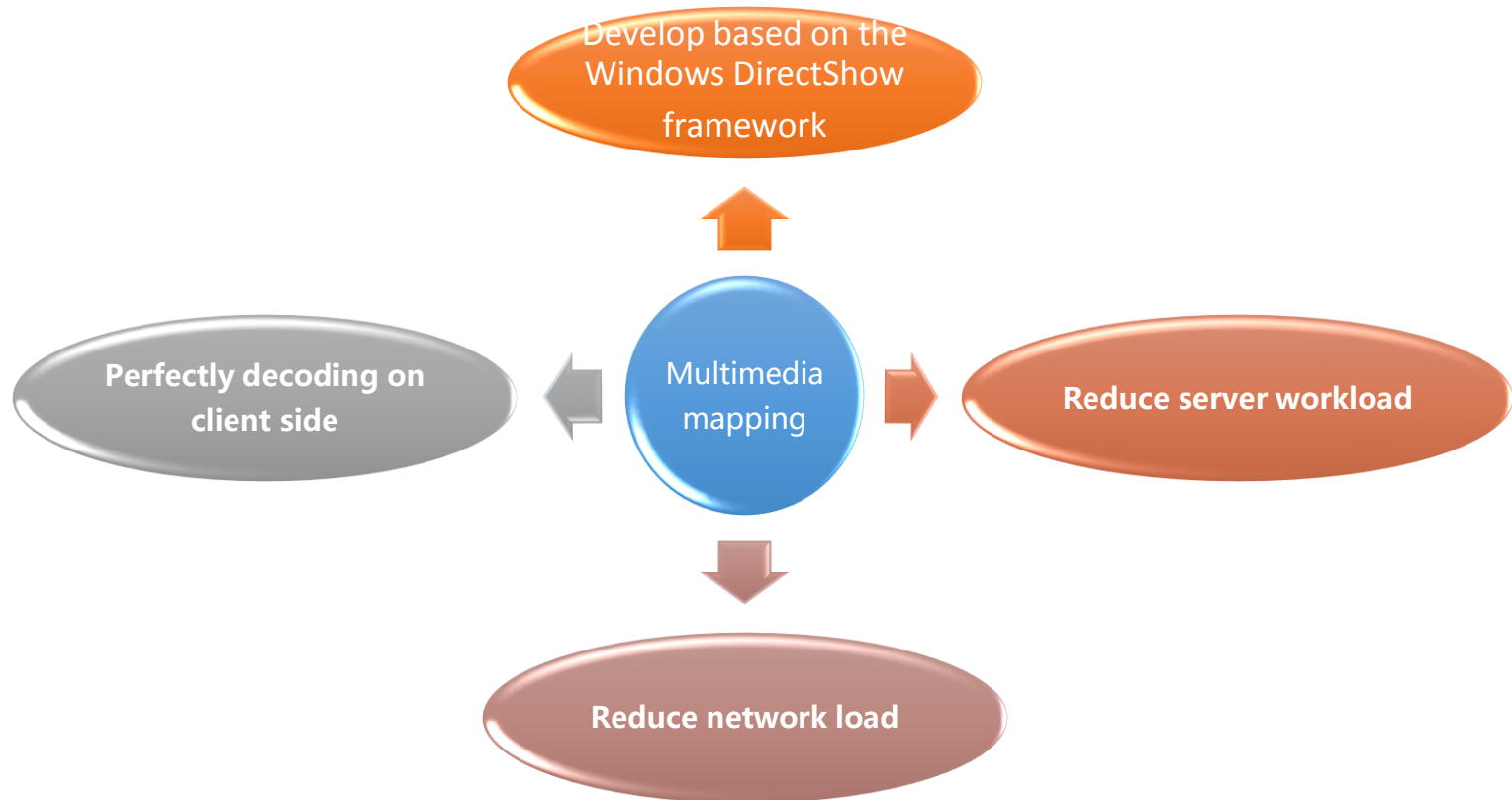
Greatly save network bandwidth compared with the traditional mode

# SEP Feature 4 : Serial/Parallel mapping



Serial and parallel port devices can be well supported

# SEP Feature 4 : Multimedia mapping



Similar user experience as broadcast locally

# Comparison

		SEP	Citrix ICA	VMware PCoIP	Microsoft RDP
USB mapping	Support device types	All types	All types	All types	—
	Nonstandard device support	Good	Bad	Bad	—
Multimedia mapping	Support media format	All common types	Un-support RMVB/MOV/MKV/FLV/RV20/RV30	—	Only support WMV
	Client side rendering	Support	Support	—	Support
TWAIN mapping	Windows client	Support	Support	—	—
	Linux client	Support	Un-support	—	—
Webcam mapping	Resolution	Support all webcam resolution	Fixed at 352x288	—	—
	Network bandwidth ( 352x288 )	50~60KB/s	140~280KB/s	—	—



**Thank You!**

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