



What is AP800 USB Vision?

- **A Total Solution for Content Protection and Publishing**
 - Have you ever thought about how to protect the videos, audios and documents you own? How to achieve a great distribution without worrying about piracy?
- **Protection Method**
 - Files can't be played by generic media player
 - Files can't be played in other unauthorized USB
 - Files can't be played in different batch authorized USB
 - Files can't be played after it expires
 - Can't be captured by Print Screen, video recording
 - Password and water mark supported



The Advantages of AP800 USB Vision

1. Publishing videos/audios by USB instead of CD/DVD
2. Prevent videos/audios from being copied and broadcasted illegally
3. Supports 4K ultra high definition (UHD) video
4. No bandwidth of network issues
5. More capacity to publish videos/audios
6. Supports Windows / Mac / Android / iOS platform
7. Easy production
 - USB Authoring Tool to make USB source
 - Mass production on duplicator
 - Write protection setting



Multiple Protection Technique

- **File encryption** – special encryption algorithm
- **Specified USB** – can't copy to generic USB
- **Authorized USB** – can't copy to different batch USB
- **Other protections**
 - print screen, video recording, password, water mark, expiration date control
- **Support file types**
 - video(mp4), audio(mp3), document(pdf)





Publication and Distribution Methods



CD/DVD/BD

Non-standard storage media
on notebooks or tablets



Cloud Server

Initial set up cost and future
maintenance fee is high



Commonly encrypted USB
Easy to crack



AP800 USB Vision solution

Strong protection, and easy to produce in bulk



The Shortcomings of DVD

- **DVD/CD drive is no longer a standard storage media on notebook and tablet**
 - Customers cannot read the contents if distributed on CD/DVD
- **High-definition video is becoming more and more popular**
 - The data is a few GB more than the capacity of the DVD which has only 4.7GB storage space.
- **High-capacity USB is getting cheaper and cheaper**
 - Contents is a few hundred dollars more valuable when compared with the cost of USB. The profit is still high.





The Shortcomings of Cloud Server

- **High cost to build a cloud server**
 - Need sufficient storage equipment
 - The transmission bandwidth is huge
 - The cost to maintain the server is high.
- **No internet connection or unstable connection**
 - Affect the quality of playing
 - Learning is difficult
- **Connection cost of customer**
 - No unlimited data plan





The Shortcomings of Regular USB

- **Need to be done by computer one at a time. Mass production difficult.**
- **Weak protection from piracy.**
 - Commonly encrypted USB decrypts files and stores them in a temporary storage zone which are at a higher risk of being located and downloaded.
 - It takes less than an hour to crack the protection.



AP800 Solution decrypts files by our own designed player which provides a super strong protection against piracy.



Requirements for a Good Distribution Solution

Mass production in a Snap

Time is money. Falling behind competitors pushes your customer to buy from others.

User Friendly Interface

Easy and intuitive interface for viewers to have an enjoyable watching experience.

Deny Screen Recording

Auto-detect software blocks viewers from using screen recording software.



Reasonable Price

With in an affordable price, publications can be protected against piracy.

Strong Protection

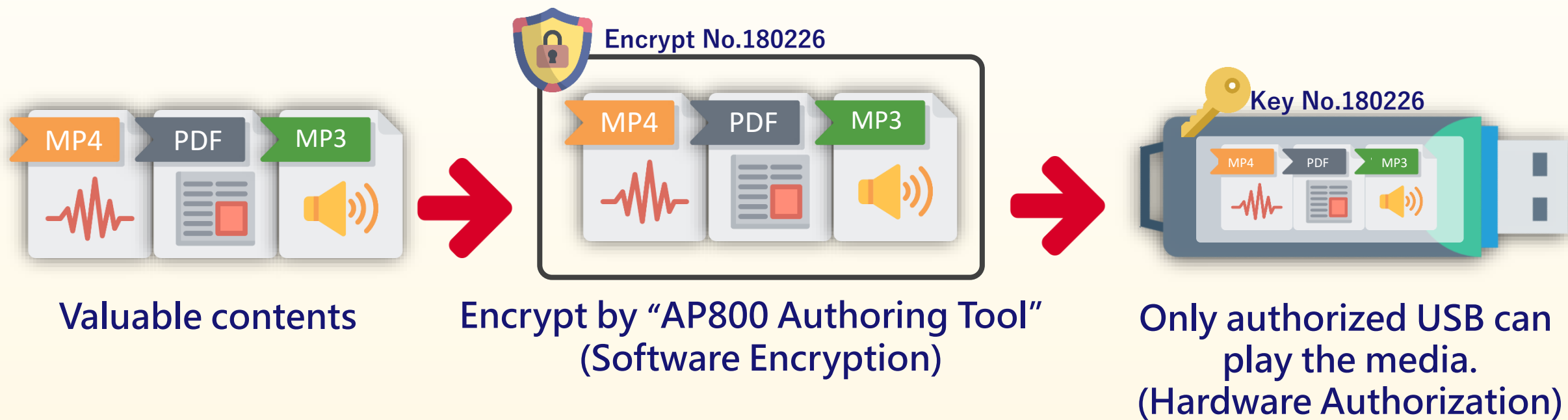
Sophisticated encryption methods protects your content against piracy.

Anti-Piracy

Allows viewers to play the media but do not allow them to make copies illegally.



AP800 Solution - Media Copy Protection





AP800 USB Vision Editions

1. **Standard version**

- Only authenticated USB can play encrypted videos and audios
- Print screen protection, video recording protection

2. **Advanced version**

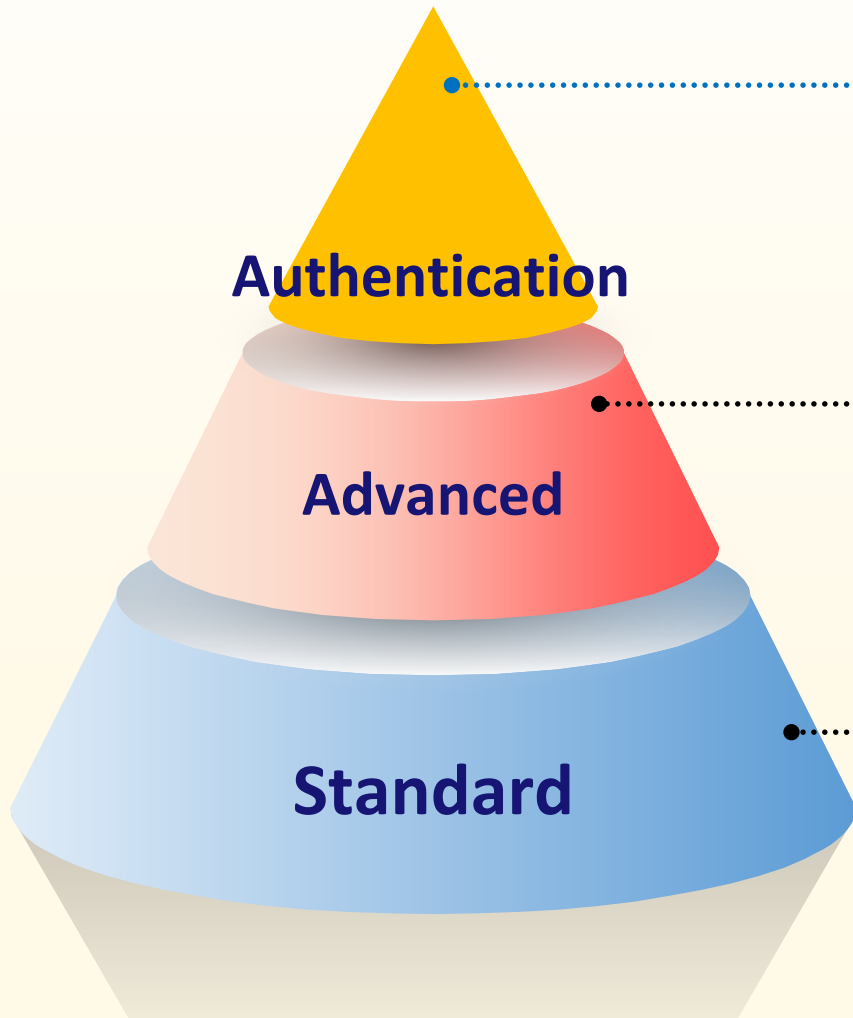
- + Password protection, +water mark protection

3. **Authentication version**

- + Control authentication dynamically
- 4 control methods
 - Expire period
 - Expire date
 - Play times
 - Enable / Disable



Multiple Editions to Meet Various Needs



Authentication version

- ☐ Member Certification and Authorization Management
- ☐ Limited time viewing

Advanced version

- ☐ Password protection
- ☐ Download and update

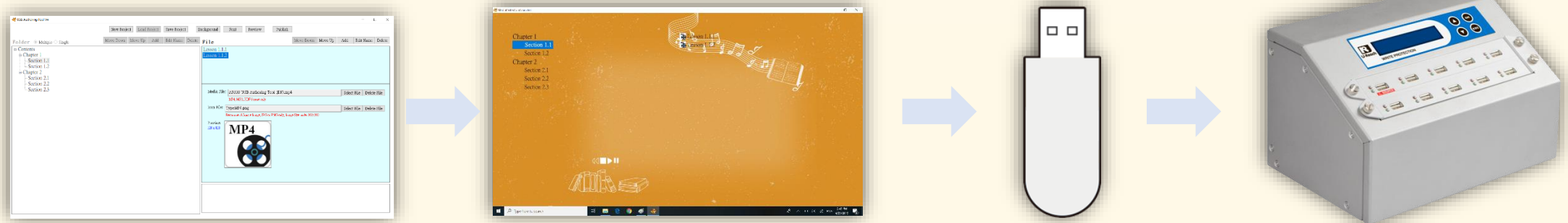
Standard version

- ☐ Do not allow files to be copied to other USB flash drives
- ☐ Prevent screen capture or recording
- ☐ File type are videos, audios and PDF files.



How to work?

- Open a project, create menu and select files
- Edit file name and select display icon
- Select a background picture and set font style
- Select a USB device for publishing
- Start copy system files and encrypt files to make a source USB
- Mass production





Other Services

1. Publishing and delivery
2. Customization
3. Write protection
4. Copy service by duplicator
5. Provide dynamic authentication server



AP800 USB Vision - More Details

		AP800 USB Vision		
File	File Type	MP4	MP3	PDF
	Windows	O	O	O
	Mac	O	O	O
	iOS	O	O	
	Android	O (AVI, DivX)	O	
	Video Resolution	Up to 4K (3840*2160)		
	Audio Bit-Rate	Up to 320Kbps		
	File System	FAT, exFAT, NTFS(Windows), APFS(Mac)		
	Storage	USB, SSD (iOS need MFI USB)		
OS	Windows	7 / 8.1 / 10		
	MAC	10.13~10.15		
	iOS	10~13		
	Android	5.0~9.0		

version		Standard	Advanced	Authentication
Protection	Copy Protection	O	O	O
	Recording (Windows, Mac)	O	O	O
	Print-Screen (Windows, Mac)	O	O	O
	WaterMark		O	O
	Password		O	O
	Authentication			O
Expire (Authentication version only)	by Period			O
	by Date			O
	by Times			O
	by Enable			O
Customization	Menu	O	O	O
	Icon	O	O	O
	Background	O	O	O
	Initial Movie	O	O	O
	APP Name	O	O	O
Option	Content Update	O	O	O
	Write Protection	O	O	O
	Production by Duplicator	O	O	O