

InfoValue BizTV

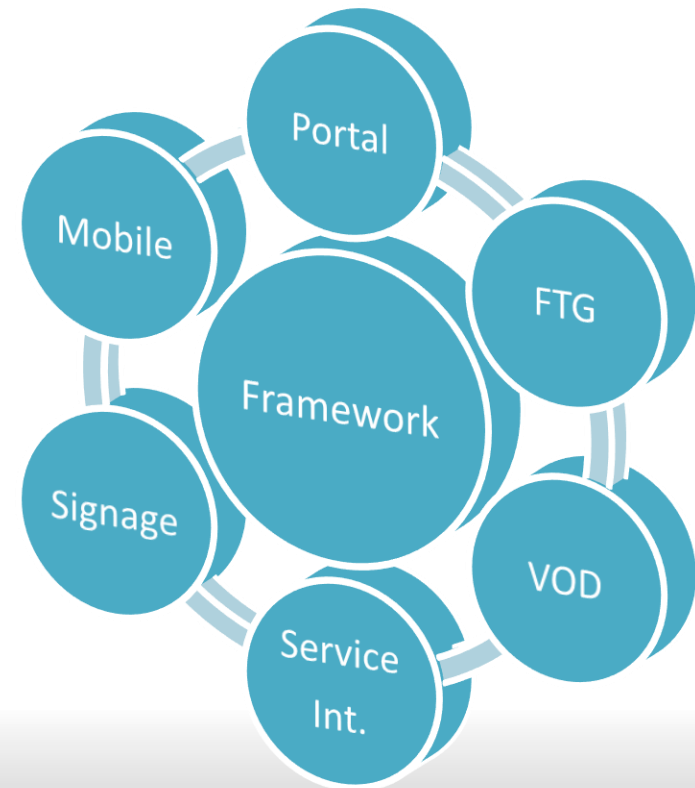
Advancing Next Generation
Enterprise TV Experiences



An IPTV Framework

- An extensible Framework of seamlessly integrated IPTV modules
- Providing services for many large organizations (e.g., Disney/ABC, ESPN, US Army, Corus, General Dynamics, Lockheed Martin, etc.) for many years
- Powered by the longest, most extensive IPTV expertise since 1994
- Cross benefits from features of military and telco grade IPTV systems

Biztv



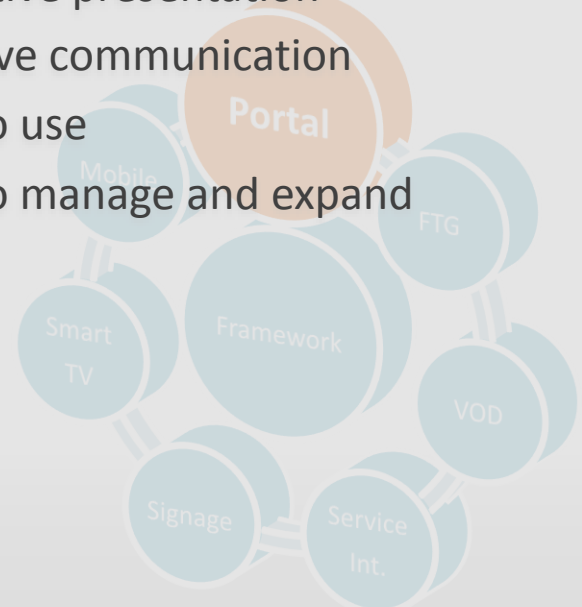
Portal

- Main Menu with branding image, logo, customized design, and top level menu items
- Multimedia screens (including video, slideshow, images and text) for employee communications, information, entertainment, safety regulations, etc.
- Interactive Program Guide
- Employee Messaging
- TV Startup options
- Digital Signage modes
- ...

A powerful framework for presenting attractive rich media information

Strengths and benefits:

- Attractive presentation
- Effective communication
- Easy to use
- Easy to manage and expand



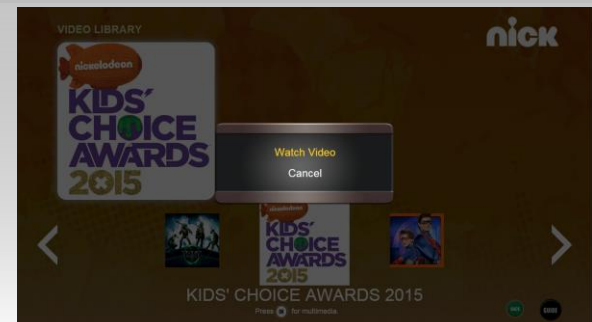
Portal Screens and Console



Main Menu



Employee Info



Portal Console

InfoValue IPTV Admin Console

Channel List

Number of Channels: 214

Channel Name	Description	Genre
SMAS	Five Star Max	Comstar
ANBS	ABC Network (East)	Comstar
ANES	America's Best	Comstar
ANAS	All Access America	Comstar
ANCS	AMC (East)	Comstar
ANMS	AcropolisMAX (East)	Comstar
ANMGS	Animal Planet (East)	Comstar
ANSTV	AS2TV	Comstar
ANSTV2	AS2TV	Comstar
ANSTV3	AS2TV	Comstar
ANSTV4	AS2TV	Comstar
ANSTV5	AS2TV	Comstar
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ANSTV7	AS2TV	Comstar
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ANSTV12	AS2TV	Comstar
ANSTV13	AS2TV	Comstar
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ANSTV100	AS2TV	Comstar



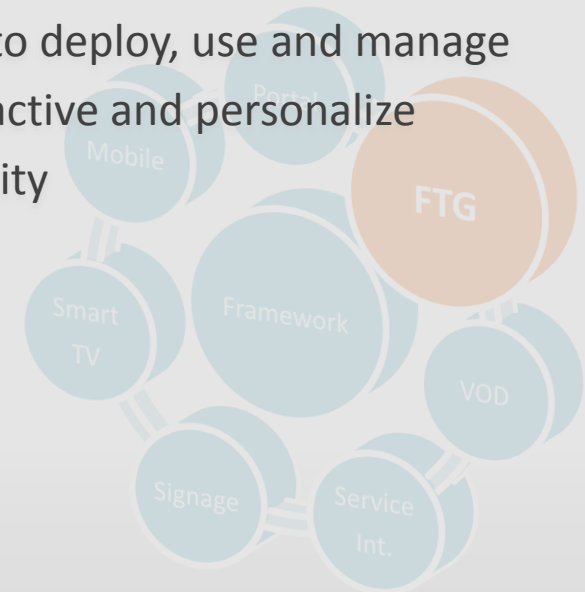
Linear Channels

- Work with most Linear TV infrastructures: analog, digital cable/satellite, IP based
- Internal/Local channels
- Electronic Program Guide (EPG)
- On-Screen Channel Guide
- Network PVR or Local PVR
- Channel access management with Lineups and Tiers
- Emergency Channel Tuning

An effective framework for enhancing Linear TV and Local channels with personalized and time-shift experiences

Strengths and benefits:

- Easy to deploy, use and manage
- Interactive and personalize
- Security



EPG & nPVR



EPG

nick 3:37 PM

NICH0-E, 3:30 PM-4:00 PM
Oggy and the Cockroaches (NONE)
Back to the Future: Skate Fever
A witch loses her hat and it lands in Oggy's yard. Oggy starts skateboarding and constructs a skate park, which the roaches overtake.

GUIDE

312	3:30 PM	4:00 PM	4:30 PM	5:00 PM
21 NICH0-E	Oggy and the	SpongeBob SquarePants	SpongeBob SquarePants	Carty
22 NICH0-W	Paw Patrol	Paw Patrol	Blaze and the Monster	SpongeBob SquarePants
23 5MAX	The Thomas	King Kong		

nPVR

nick 3:37 PM

NICH0-E, 3:30 PM-4:00 PM
Oggy and the Cockroaches (NONE)
Back to the Future: Skate Fever
A witch loses her hat and it lands in Oggy's yard. Oggy starts skateboarding and constructs a skate park, which the roaches overtake.

GUIDE

Episode Title: 3:30 PM-4:00 PM (Latest Smart View: Trish Regan and Adam Johnson)

Record: This Episode All Episodes All First Run Episodes

Keep: One Week Forever

SAVE RECORDED CHANNELS

Channel Management

Lineup: DefaultLineup [Properties](#) [Channels](#) [Tier List](#) [Package](#)

[Add Channels](#) | [Delete Channels](#) | [Enabled](#) | [Disabled](#)

Select one or more channels to delete or to add to a tier level or package. [Back to Lineup List](#)

Channels in DefaultLineup

Number of Channels = 61 Lineup Page 10 [First](#) [Page 1/7](#) [Next](#)

#	Channel Name	Alias Name	Multicast IP	Multicast Port	Resolution	Type	Status
1	DVC	DVC	239.132.3.1	2000	SD	Free	Enable
2	KITV	KITV	239.132.3.2	2000	SD	Free	Enable
3	KGMB	KGMB	239.132.3.3	2000	SD	Free	Enable
4	KHNL	KHNL	239.132.3.4	2000	SD	Free	Enable
5	KHON	KHON	239.132.3.5	2000	SD	Free	Enable
6	KIKU	KIKU	239.132.3.5	2000	SD	Free	Enable
7	KFVE	KFVE	239.132.3.6	2000	SD	Free	Enable
8	KHET	KHET	239.132.3.7	2000	SD	Free	Enable
9	CNN	CNN	239.132.3.8	2000	SD	Free	Enable
10	CNHN	CNHN	239.128.18.9	2000	SD	Free	Enable



Video-On-Demand (VOD)

- Metadata videos, e.g., entertainment, in-house video content
- Information videos
- High Definition (HD) video quality
- Fully interactive trick play
- Bookmarks
- Digital Rights Management
- View activity tracking

A flexible framework for managing and streaming high quality videos

Strengths and benefits:

- High Definition (HD) quality
- Supports standard-based video formats
- Flexible video management
 - Metadata categories
 - Multimedia information
- Easy to use



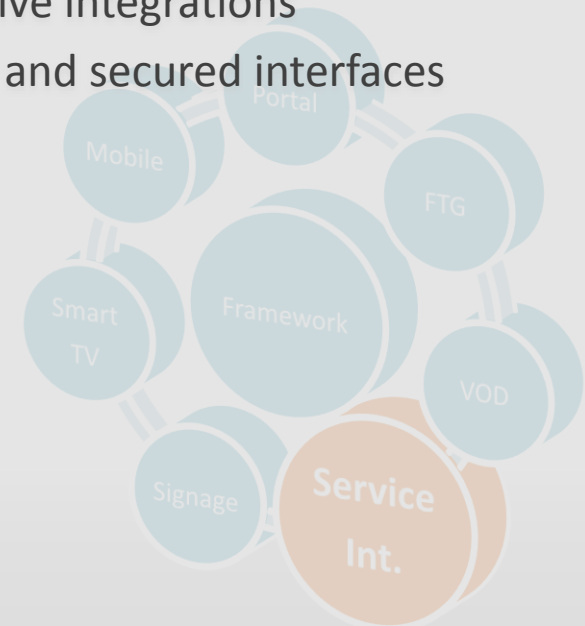
Multi-Screen and Open Interfaces

- Simultaneous supports of TV (via STB/smart-TV), PC and mobile screens
- Open APIs (WebServices)
- ...

An expandable framework for interactive employee communications

Strengths and benefits:

- Effective integrations
- Open and secured interfaces



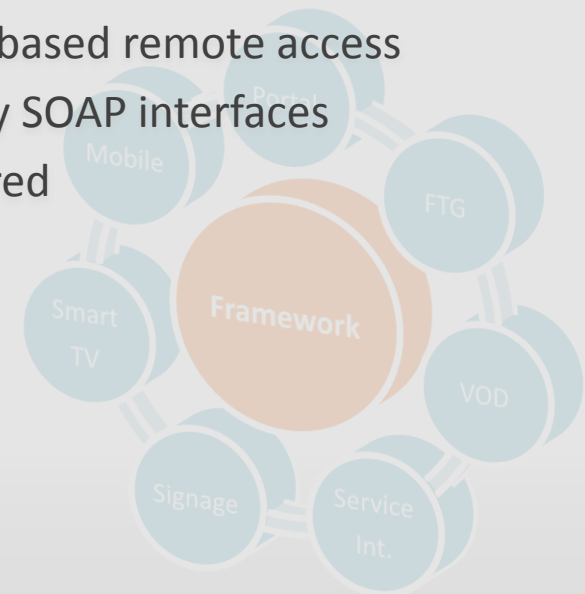
Management

- Automatic or bulk client registration
- System remote upgrade
- System remote monitoring
- Client Power On Channels
- Remote channel tuning
- Emergency channel tuning
- On-site or cloud server
- Usage tracking
- Content management

A comprehensive and interactive framework for system control and management

Strengths and benefits:

- Web based remote access
- 2-way SOAP interfaces
- Secured



Conclusions

BizTV is an extensible Framework of seamlessly integrated IPTV modules

- Fulfills immediate upgrades
- Fits with current operations
- Prepares for future extensions

Biztv

