



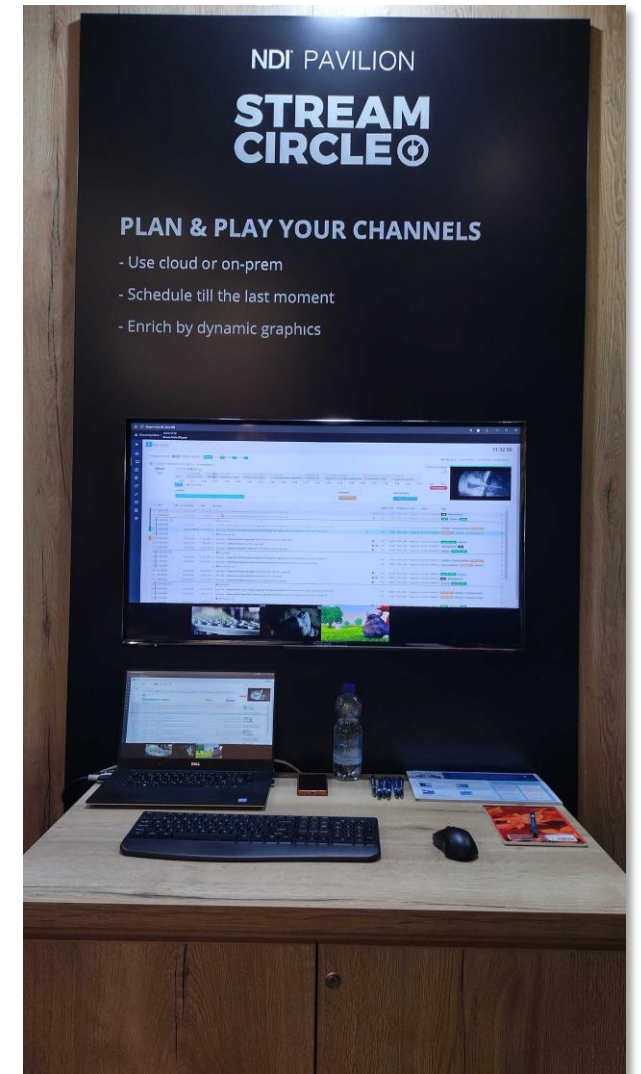
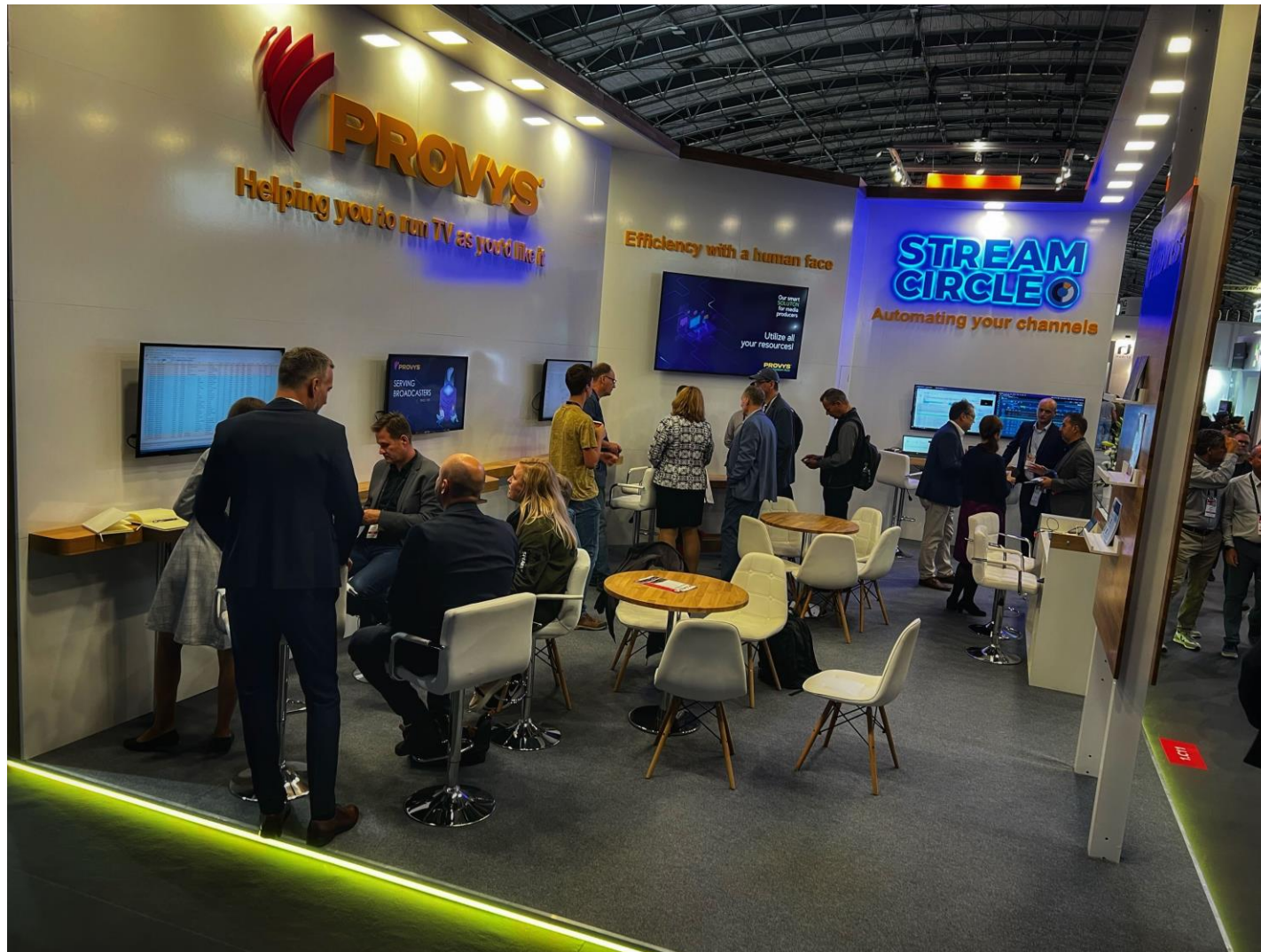
# PROVYS a Stream Circle na IBC 2022

Pepa Vašica

22.9.2022

**STREAM  
CIRCLE** 

# IBC 2022 ... PO TŘECH LETECH





NOVINKY V PROVYS

# PROVYS INVESTUJE DO BUDOUCNOSTI

1. Implementace nové architektury
2. Přejít na aplikace ve webových technologiích
3. Automatizace releasového a upgradového cyklu
4. Intenzivní využití cloudových služeb
5. Standardizace podporovaných procesů
6. Nové API systému a nástroje pro integraci
7. Dlouhodobě udržitelná customizace zákaznických instalací



# PŘECHÁZÍME DO WEB TECHNOLOGIÍ

The screenshot displays the PROVYS Transmission Slot Planner interface. The left sidebar contains navigation options: Home, Titles, Materials, Transmission (highlighted), Transmission Planner, Weeks, Schedules, Slots, Schemes, Interstitials, Actions, Administration, AS-Run, Learning centre, and myProws portal. The main area shows a weekly schedule grid for PBSKIDS from 2022-18-09 to 2022-18-09. The grid is organized by time slots (6, 7, 8, 9, 10, 11) and days of the week (Mon 12. 9. 2022, Tue 13. 9. 2022, Wed 14. 9. 2022, Thu 15. 9. 2022, Fri 16. 9. 2022, Sat 17. 9. 2022, Sun 18. 9. 2022). Each cell in the grid contains a program title and its duration. A tooltip is visible over the 'Martha Speaks 5 3' entry on Tuesday, 13. 9. 2022, at 027:45. The top navigation bar includes 'Transmission >> Transmission Planner >> [PL 33.3] Transmission Slot Planner' and a user profile for 'Pepa Vařica'. The bottom left corner shows the version number '1.64.4'.

Time Slot	Mon 12. 9. 2022	Tue 13. 9. 2022	Wed 14. 9. 2022	Thu 15. 9. 2022	Fri 16. 9. 2022	Sat 17. 9. 2022	Sun 18. 9. 2022
6	Molly of Denali 1 1 Grandpa's Drum/Have Canoe, Will Paddle 026:44	Molly of Denali 1 2 Berry Itchy Day/Herring Eggs or Bust 026:44	Molly of Denali 1 3 Cabbagezilla/Name Game 026:44	Molly of Denali 1 4 First Fish/A-Maze-ing Snow 027:14	Molly of Denali 1 5 Bird in the Hand/Bye-Bye Birdie 027:14	Peep and the Big Wide World 3 6 Bedtime Story/The Deep Duck Woods 027:13	WordWorld 2 14 Bear's Bed Sled/Sh-Sh-Shark! 027:53
7	Pinkalicious & Peterrific 2 9 Pinkalicious Dotty/Lila Gets Glasses 026:44	Pinkalicious & Peterrific 2 10 Invisible Ink/Rusty's Doghouse 026:44	Pinkalicious & Peterrific 2 11 Gingerbread House/Christmas Tree Trouble 026:44	Pinkalicious & Peterrific 2 12 Petercadabra/Sleepless in Pinkville 025:43	Pinkalicious & Peterrific 2 13 Spoon Sounds/Robotta the Artiste 026:14	Peep and the Big Wide World 3 7 I Spy a Spider/Robin in the Bat Cave 026:38	WordWorld 1 1 Runaway O/Happy Birthday, Dog! 027:54
8	WordWorld 1 2 There's an Ant in Every Giant/Chef Sheep 028:21	WordWorld 1 3 Rocket to the Moon/The Birds 028:21	WordWorld 1 4 The Mystery of the Disappearing Pie/Duck's Family Reunion 028:20	WordWorld 1 5 Sh-Sh-Shark!/Dog Wants to Play Ball 027:44	WordWorld 1 6 Pies, Pies, Pies!/Waterlogged 028:14	Cyberchase 13 3 Coral Grief 026:38	Peg + Cat 2 11 The Poetry Problem/The Disappearing Art Problem 027:25
9	Daniel Tiger's Neighborhood 2 20 Daniel's Happy Song/Prince Wednesday's Happy Birthday 027:37	Daniel Tiger's Neighborhood 2 21 Looking for Snowball/Daniel's Neighbours Help 027:37	Daniel Tiger's Neighborhood 2 22 The Lemonade Stand/Mad at the Beach 027:38	Daniel Tiger's Neighborhood 2 23 Daniel and Margaret Visit the Farm/Fireflies and Fireworks 027:37	Daniel Tiger's Neighborhood 2 24 Margaret's First Chime Time/Tiger Family Fun 027:37	Cyberchase 13 4 Sustainable by Design 026:38	Peg + Cat 2 12 The Awards Show Problem/The Wrong Headed Problem 026:25
10	Martha Speaks 5 2 The Puppy Tooth Fairy/Martha's Blue Period 027:14	Martha Speaks 5 3 The Puppy Show/Never Forget to Remember 027:45	Martha Speaks 5 4 My Mother the Dog/Martha's Must-Have 027:44	Martha Speaks 5 5 Martha's Puppy/The Cheating Chum Caper 027:45	Martha Speaks 5 6 Mouse Patrol/The Big Knockover 026:19	Elinor Wonders Why 1 23 Burrowing Owl Girl/Olive's Tree 025:44	Martha Speaks 5 7 Stanley Saves the Day/Milo Goes for Gold 027:19
11	Arthur 8 1 Dear Adil/Bitzi's Break-Up 028:09	Arthur 8 2 Dear Adil/Bitzi's Break-Up 028:09	Arthur 8 3 Arthur's Snow Biz/Bugged 027:39	Arthur 8 4 Fernkenstein's Monster/D.W., Dancing Queen 027:38	Arthur 8 5 Vomtricious!/Sue Ellen Chickens Out 028:09	Elinor Wonders Why 1 24 Speedy Swimming/Strawberry Jam 026:14	Martha Speaks 5 8 Return of Ralph/Little Bo's Sheep, The 026:24

# AUTOMATIZUJEME RELEASE CYKLUS

- Standardizujeme releasové a instalační postupy
- Automatizujeme upgradové procedury
- Zkracujeme releasové cykly
- Investujeme do automatického testování
- Zvyšujeme užitnou hodnotu našeho řešení

# CLOUDOVÉ SLUŽBY

- Celá prezentace PROVYS na IBC 2022 byla realizována z cloudové služby
- Cloudový PROVYS je plnohodnotný PROVYS se všemi užitnými vlastnostmi
- U cloudových instalací již automatizujeme upgrady na nový release



**INTEGRACE PROVYS-STREAM CIRCLE**



Integrace PROVYS – Stream Circle

# TĚSNÉ PROPOJENÍ OBOU SYSTÉMŮ

The image displays two software interfaces side-by-side, illustrating the integration between Provys and Stream Circle.

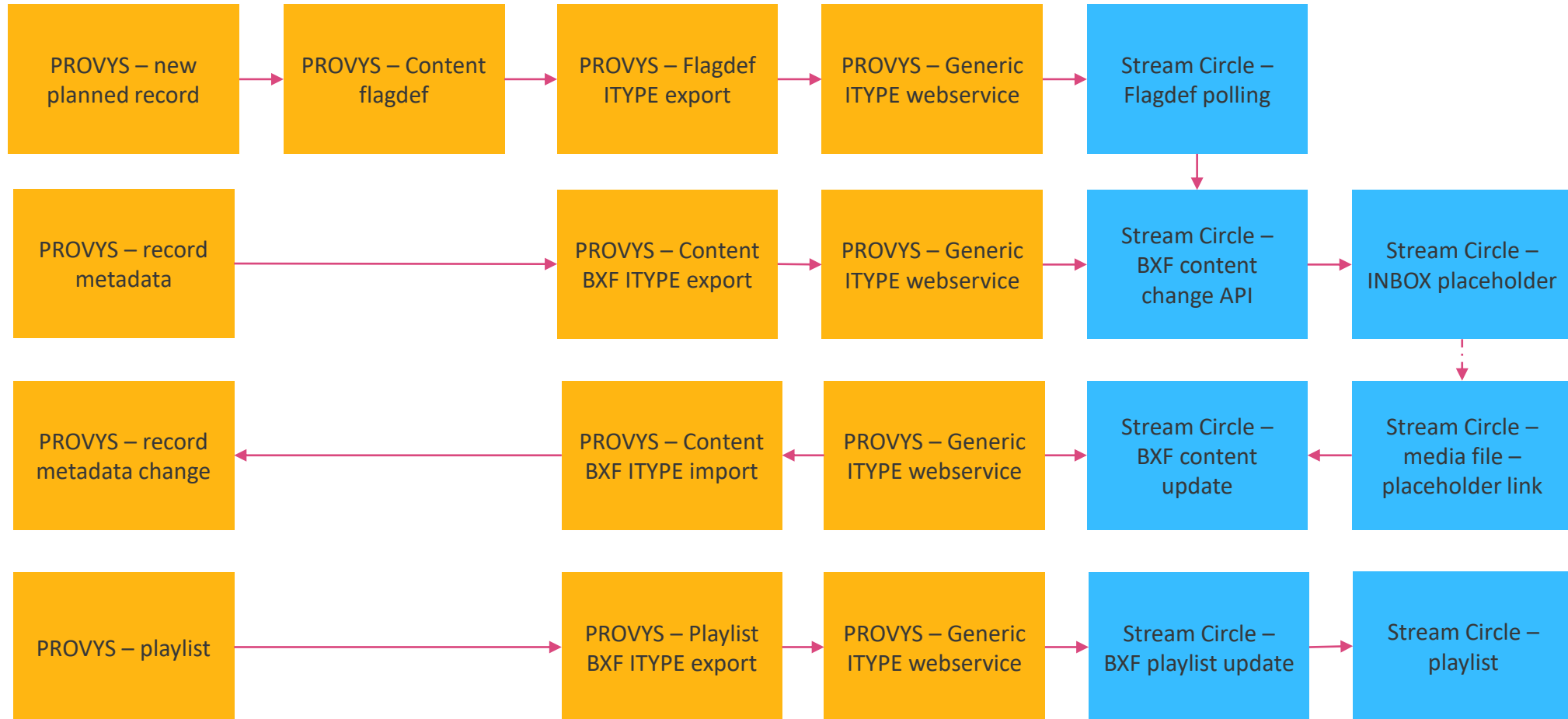
**Left Interface (Provys):** Shows a detailed broadcast schedule for Channel 1 (2030/36) and Linear Channel 1 (2050/35). The schedule is organized by day (Monday to Sunday) and lists various programs, including commercials, sports events (like Budweiser 2018 Super Bowl), and news segments. Each entry includes start and end times, program names, and associated assets.

Start	Name	Prog. ID	Duration	Error	Source	In TC	Out TC	Logo	Audio mode	Aspect Ratio
06:00:00:00	Start		00:00:00							
06:00:00:00	Alpha rft	700069885-0000	00:02:07:03F		+ VS: alpharft.mp4	+ 00:00:00:00	+ 00:02:07:02	+ SC_DEFAULT		
06:02:07:03	Stream Crle Logo Swif	300000170	00:00:18:01F		+ VS: StreamCircleLogoSwif.mp4	+ 00:00:00:00	+ 00:00:18:00	+ SC_DEFAULT		
06:02:25:04	Commercials		00:02:30:01F							
06:02:25:04	Alexa Loses Her Voice - Amazon Super Bowl LI Commercial	A00180013	00:01:30:01F		+ VS: Alexa Loses Her Voice - Amazon Super Bowl LI Commercial.mp4	+ 00:00:00:00	+ 00:01:30:00			
06:03:55:05	Budweiser 2018 Super Bowl Commercial "Stand By You"	A00180014	00:01:00:00		+ VS: Budweiser 2018 Super Bowl Commercial "Stand By You".mp4	+ 00:00:00:00	+ 00:00:59:24			
06:04:55:05	Stream Crle Ribbon Logo	300000171	00:00:08:00		+ VS: StreamCircleRibbonLogo.mp4	+ 00:00:00:00	+ 00:00:07:24	+ SC_DEFAULT		
06:05:03:05	Death on the Nile	700069886-0000	00:02:06:19F		+ VS: deathonthe Nile.mp4	+ 00:00:00:00	+ 00:02:06:18	+ SC_DEFAULT		
06:07:09:24	Stream Crle Logo Swif	300000170	00:00:18:01F		+ VS: StreamCircleLogoSwif.mp4	+ 00:00:00:00	+ 00:00:18:00	+ SC_DEFAULT		
06:07:28:00	Commercials		00:02:09:05F							
06:07:28:00	Budweiser 2018 Super Bowl Commercial "Stand By You"	A00180014	00:01:00:00		+ VS: Budweiser 2018 Super Bowl Commercial "Stand By You".mp4	+ 00:00:00:00	+ 00:00:59:24			
06:08:28:00	Official Jeep Super Bowl Commercial "Jeep Jurassic"	A00180015	00:01:09:05F		+ VS: Official Jeep Super Bowl Commercial "Jeep Jurassic".mp4	+ 00:00:00:00	+ 00:01:09:04			
06:09:37:05	Stream Crle Ribbon Logo	300000171	00:00:08:00		+ VS: StreamCircleRibbonLogo.mp4	+ 00:00:00:00	+ 00:00:07:24	+ SC_DEFAULT		
06:09:46:05	Finch	700069887-0000	00:02:26:18F		+ VS: finch.mp4	+ 00:00:00:00	+ 00:02:26:17	+ SC_DEFAULT		
06:11:12:23	Stream Crle Logo Swif	300000170	00:00:18:01F		+ VS: StreamCircleLogoSwif.mp4	+ 00:00:00:00	+ 00:00:18:00	+ SC_DEFAULT		
06:12:29:24	Commercials		00:02:30:01F							
06:15:00:00	Stream Crle Ribbon Logo	300000171	00:00:08:00		+ VS: StreamCircleRibbonLogo.mp4	+ 00:00:00:00	+ 00:00:07:24	+ SC_DEFAULT		
06:15:08:00	Infinite Storm	700069888-0000	00:01:59:24F		+ VS: infinitestorm.mp4	+ 00:00:00:00	+ 00:01:59:23	+ SC_DEFAULT		
06:17:07:24	Stream Crle Logo Swif	300000170	00:00:18:01F		+ VS: StreamCircleLogoSwif.mp4	+ 00:00:00:00	+ 00:00:18:00	+ SC_DEFAULT		
06:17:28:00	Commercials		00:02:09:05F							
06:19:35:05	Stream Crle Ribbon Logo	300000171	00:00:08:00		+ VS: StreamCircleRibbonLogo.mp4	+ 00:00:00:00	+ 00:00:07:24	+ SC_DEFAULT		
06:19:43:05	Jurassic World Dominion	700069889-0000	00:02:54:01F		+ VS: jurassicworld Dominion.mp4	+ 00:00:00:00	+ 00:02:54:00	+ SC_DEFAULT		
06:22:37:06	Stream Crle Logo Swif	300000170	00:00:18:01F		+ VS: StreamCircleLogoSwif.mp4	+ 00:00:00:00	+ 00:00:18:00	+ SC_DEFAULT		
06:22:55:07	Commercials		00:02:30:01F							
06:25:23:08	Stream Crle Ribbon Logo	300000171	00:00:08:00		+ VS: StreamCircleRibbonLogo.mp4	+ 00:00:00:00	+ 00:00:07:24	+ SC_DEFAULT		
06:25:33:00	Light year	700069890-0000	00:02:01:19F		+ VS: lightyear.mp4	+ 00:00:00:00	+ 00:02:01:18	+ SC_DEFAULT		
06:27:35:02	Stream Crle Logo Swif	300000170	00:00:18:01F		+ VS: StreamCircleLogoSwif.mp4	+ 00:00:00:00	+ 00:00:18:00	+ SC_DEFAULT		
06:27:53:03	Commercials		00:02:09:05F							
06:30:02:00	Stream Crle Ribbon Logo	300000171	00:00:08:00		+ VS: StreamCircleRibbonLogo.mp4	+ 00:00:00:00	+ 00:00:07:24	+ SC_DEFAULT		
06:30:10:00	Matrix Resurrections	700069891-0000	00:02:54:17F		+ VS: matrixresurrections.mp4	+ 00:00:00:00	+ 00:02:54:16	+ SC_DEFAULT		
06:33:05:00	Stream Crle Logo Swif	300000170	00:00:18:01F		+ VS: StreamCircleLogoSwif.mp4	+ 00:00:00:00	+ 00:00:18:00	+ SC_DEFAULT		
06:33:23:03	Commercials		00:02:30:01F							
06:35:53:02	Stream Crle Ribbon Logo	300000171	00:00:08:00		+ VS: StreamCircleRibbonLogo.mp4	+ 00:00:00:00	+ 00:00:07:24	+ SC_DEFAULT		

**Right Interface (Stream Circle | Playback):** Shows a live playback monitor for Portal STD. The monitor displays a video feed with a timestamp of 05:05:36. Below the monitor is a detailed playlist table with columns for Start, Diff., In, Duration, Out, End, Item, Aspect, FPS, Resolution, Scan, Codec, and Tags.

Start	Diff.	In	Duration	Out	End	Item	Aspect	FPS	Resolution	Scan	Codec	Tags
05:05:18	00:00:00:00	00:01:43	00:00:24	00:02:07:02	05:06:00:21	1 Play video   alpharft.mp4 Alpha rft [SC_1_Logo.png]	16:9	23.976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Parental Guidance Main Programme [jingle]
05:06:00:21	00:00:00:00	00:00:18:01	00:00:18:00	00:00:18:00	05:06:18:22	1 Play video   StreamCircleLogoSwif.mp4 Stream Circle Logo Swif [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]
05:06:18:22						1 Commercials						
05:06:48:23	00:00:00:00	00:00:08:00	00:00:07:24	05:08:56:23	1 Play video   StreamCircleRibbonLogo.mp4 Stream Circle Ribbon Logo [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:08:56:23	00:00:00:00	00:02:06:18	00:02:06:18	05:11:03:17	1 Play video   deathonthe Nile.mp4 Death on the Nile [SC_1_Logo.png]	16:9	23.976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content [Standard]	
05:11:03:17	00:00:00:00	00:00:18:01	00:00:18:00	05:11:21:18	1 Play video   StreamCircleLogoSwif.mp4 Stream Circle Logo Swif [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:11:21:18						1 Commercials						
05:11:21:18	00:00:00:00	00:01:00:00	00:00:59:24	05:12:21:18	1 Play video   Budweiser 2018 Super Bowl Commercial "Stand By You".mp4 Budweiser 2018 Super Bowl Commercial "Stand By You"	16:9	24.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content [Standard]	
05:12:21:18	00:00:00:00	00:01:09:05	00:01:09:04	05:13:30:23	1 Play video   Official Jeep Super Bowl Commercial Jeep Jurassic.mp4 Official Jeep Super Bowl Commercial Jeep Jurassic	16:9	24.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content [Standard]	
05:13:30:23						1 Commercials - end						
05:13:30:23	00:00:00:00	00:00:08:00	00:00:07:24	05:13:38:23	1 Play video   StreamCircleRibbonLogo.mp4 Stream Circle Ribbon Logo [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:13:38:23	00:00:00:00	00:02:26:17	05:16:05:16	05:16:05:16	1 Play video   finch.mp4 Finch [SC_1_Logo.png]	16:9	23.976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Main Programme [jingle]	
05:16:05:16	00:00:00:00	00:00:18:01	00:00:18:00	05:16:23:17	1 Play video   StreamCircleLogoSwif.mp4 Stream Circle Logo Swif [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:16:23:17						1 Commercials						
05:16:23:17	00:00:00:00	00:01:30:01	00:01:30:00	05:17:53:18	1 Play video   Alexa Loses Her Voice - Amazon Super Bowl LI Commercial.mp4 Alexa Loses Her Voice - Amazon Super Bowl LI Commercial	16:9	23.976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content [Standard]	
05:17:53:18	00:00:00:00	00:01:00:00	00:00:59:24	05:18:53:18	1 Play video   Budweiser 2018 Super Bowl Commercial "Stand By You".mp4 Budweiser 2018 Super Bowl Commercial "Stand By You"	16:9	24.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content [Standard]	
05:18:53:18						1 Commercials - end						
05:18:53:18	00:00:00:00	00:00:08:00	00:00:07:24	05:19:01:18	1 Play video   StreamCircleRibbonLogo.mp4 Stream Circle Ribbon Logo [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:19:01:18	00:00:00:00	00:00:59:24	00:01:59:23	05:21:01:17	1 Play video   infinitestorm.mp4 Infinite Storm [SC_1_Logo.png]	16:9	24.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Main Programme [jingle]	
05:21:01:17	00:00:00:00	00:00:18:01	00:00:18:00	05:21:19:18	1 Play video   StreamCircleLogoSwif.mp4 Stream Circle Logo Swif [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:21:19:18						1 Commercials						
05:23:28:23	00:00:00:00	00:00:08:00	00:00:07:24	05:23:36:23	1 Play video   StreamCircleRibbonLogo.mp4 Stream Circle Ribbon Logo [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:23:36:23	00:00:00:00	00:02:54:01	00:02:54:00	05:26:30:24	1 Play video   jurassicworld Dominion.mp4 Jurassic World Dominion [SC_1_Logo.png]	16:9	23.976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Main Programme [jingle]	
05:26:30:24	00:00:00:00	00:00:18:01	00:00:18:00	05:26:49:00	1 Play video   StreamCircleLogoSwif.mp4 Stream Circle Logo Swif [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:26:49:00						1 Commercials						
05:29:19:01	00:00:00:00	00:00:08:00	00:00:07:24	05:29:27:01	1 Play video   StreamCircleRibbonLogo.mp4 Stream Circle Ribbon Logo [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:29:27:01	00:00:00:00	00:02:01:18	00:02:01:18	05:31:28:20	1 Play video   lightyear.mp4 Light year [SC_1_Logo.png]	16:9	23.976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Main Programme [jingle]	
05:31:28:20	00:00:00:00	00:00:18:01	00:00:18:00	05:31:46:21	1 Play video   StreamCircleLogoSwif.mp4 Stream Circle Logo Swif [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:31:46:21						1 Commercials						
05:33:56:01	00:00:00:00	00:00:08:00	00:00:07:24	05:34:04:01	1 Play video   StreamCircleRibbonLogo.mp4 Stream Circle Ribbon Logo [SC_1_Logo.png]	16:9	25.000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard [jingle]	
05:34:04:01	00:00:00:00	00:02:54:17	00:02:54:16	05:36:58:18	1 Play video   matrixresurrections.mp4 Matrix Resurrections [SC_1_Logo.png]	16:9	23.976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Main Programme [jingle]	

# INTEGROVANÉ WORKFLOW



Integrace PROVYS – Stream Circle

# KOMPLETNÍ TELEVIZNÍ EKOSYSTÉM

Jako jedna z velmi málo společností na světě poskytujeme integrovaný televizní ekosystém

- Media management (metadata & essence)
- Broadcast traffic management (linear & non-linear)
- Content rights and acquisition
- Content production
- Air-time sales
- On-premises and cloud playout platform





**NOVINKY VE STREAM CIRCLE**



Novinky ve Stream Circle

# ZAJÍMAVÉ PROJEKTY POSLEDNÍCH MĚSÍCŮ

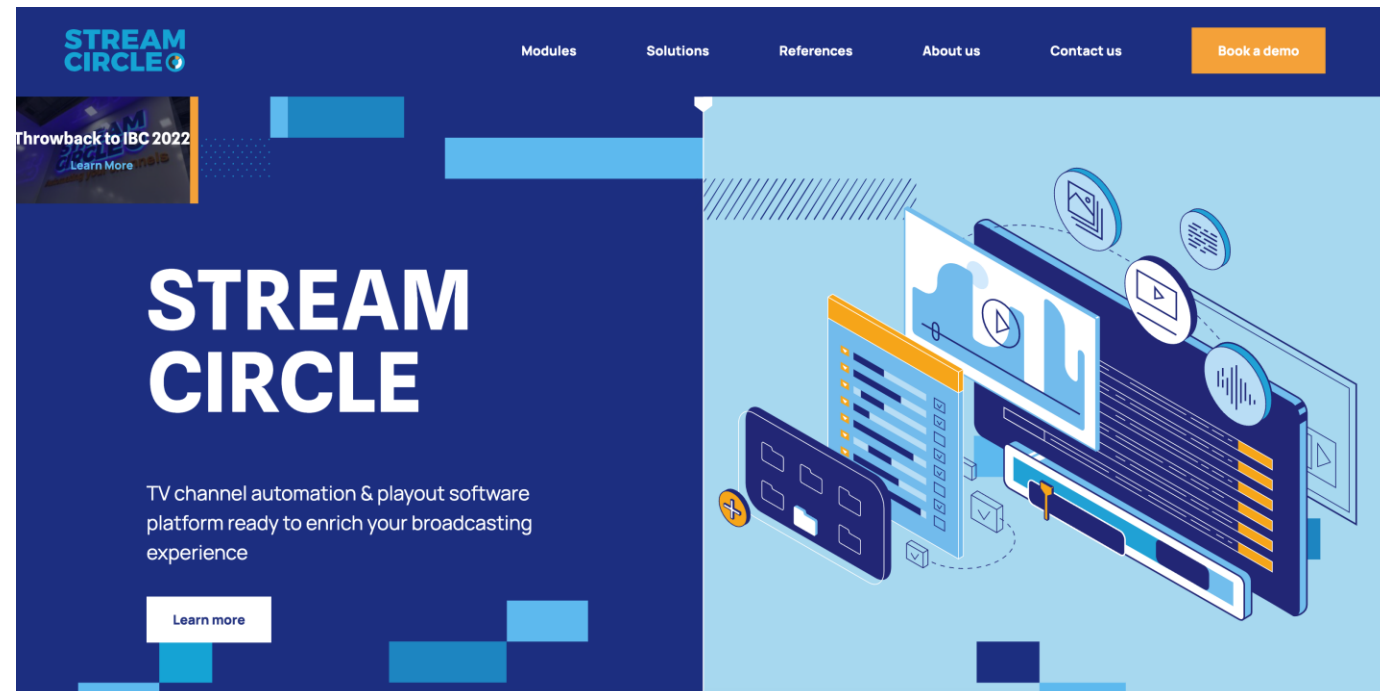
- Česká televize – emergency playout hlavních vysílacích řetězců
- TVL (Norsko) – integrované řešení s PROVYS v Amazon cloud
- TM (Malajsie) – primární playout pro filmové a seriálové kanály



Novinky ve Stream Circle

# VÍCE PRODUKTOVÉHO PŘÍSTUPU

- Měníme postupy z projektových na produktové
- Soustředíme se na dlouhodobou hodnotu našich produktů
- Zavádíme roli produktového manažera
- Udatujeme webové stránky



# NÁSTROJE PRO ŘÍZENÍ PLAYOUTU

- Optimalizujeme uživatelské prostředí
- Posílujeme nástroje pro live kanály
- Zjednodušujeme plánování pro FAST kanály
- Automatizujeme plánování
- Otevíráme API pro integraci s dalšími systémy

The screenshot displays the 'Portal STD' interface for a live playout system. At the top, it shows the current time as 14:44:41 and the channel name 'SC\_DEMO'. Below this is a 'Playout monitor' section with a timeline showing the current position at 04:15. The main part of the interface is a table listing the playout schedule with columns for Start, Diff, In, Duration, Out, End, Item, Aspect, FPS, Resolution, Scan, Codec, and Tags. The table contains 25 rows of data, including items like 'alpha.riff / Alpha riff', 'StreamCircleLogoSwirl.mp4', 'Alexa Loses Her Voice - Amazon Super Bowl LI Commercial', and 'Budweiser 2018 Super Bowl Commercial "Stand By You"'. At the bottom, there is a 'Group' section with a table showing 'Expected', 'Elapsed', and 'Remaining' times for the current group.

#	Start	Diff.	In	Duration	Out	End	Item	Aspect	FPS	Resolution	Scan	Codec	Tags			
1	14:43:42:16	00:56	001:08	00:02:07:02	14:45:49:19	1	Play video   alpha.riff / Alpha riff [SC_1_Logo.png]	U	12:2	16:9	23:976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Parental Outdoors	etc
2	14:45:49:19	00:00:18:01	00:00:18:00	14:46:07:20	1	Play video   StreamCircleLogoSwirl.mp4 Stream Circle Logo Swirl [SC_1_Logo.png]	U	16:9	25:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Arms	Standard	Single	
3	14:46:07:20	1	1	1	1	Commercials										
4	14:46:07:20	00:01:30:01	00:01:30:00	14:47:37:21	1	Play video   Alexa Loses Her Voice - Amazon Super Bowl LI Commercial.mp4 Alexa Loses Her Voice - Amazon Super Bowl LI Commercial	U	16:9	23:976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content	Standard	HoldProgram	
5	14:47:37:21	00:01:00:00	00:00:59:24	14:48:37:21	1	Play video   Budweiser 2018 Super Bowl Commercial "Stand By You".mp4 Budweiser 2018 Super Bowl Commercial "Stand By You"	U	16:9	24:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content	Standard	Commercial content	
6	14:48:37:21	1	1	1	1	Commercials - end										
7	14:48:37:21	00:00:08:00	00:00:07:24	14:48:45:21	1	Play video   StreamCircleRibbonLogo.mp4 Stream Circle Ribbon Logo [SC_1_Logo.png]	U	16:9	25:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Arms	Single	Standard	
8	14:48:45:21	00:02:06:19	00:02:06:18	14:50:52:15	1	Play video   deathonthe Nile.mp4 Death on the Nile [SC_1_Logo.png]	U	12:2	16:9	23:976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Parental Outdoors		
9	14:50:52:15	00:00:18:01	00:00:18:00	14:51:10:16	1	Play video   StreamCircleLogoSwirl.mp4 Stream Circle Logo Swirl [SC_1_Logo.png]	U	16:9	25:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Arms	Single	Standard	
10	14:51:10:16	1	1	1	1	Commercials										
11	14:51:10:16	00:01:00:00	00:00:59:24	14:52:10:16	1	Play video   Budweiser 2018 Super Bowl Commercial "Stand By You".mp4 Budweiser 2018 Super Bowl Commercial "Stand By You"	U	16:9	24:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content	Standard	HoldProgram	
12	14:52:10:16	00:01:09:05	00:01:09:04	14:53:19:21	1	Play video   Official Jeep Super Bowl Commercial Jeep Jurassic.mp4 Official Jeep Super Bowl Commercial Jeep Jurassic	U	16:9	24:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content	Standard	Commercial content	
13	14:53:19:21	1	1	1	1	Commercials - end										
14	14:53:19:21	00:00:08:00	00:00:07:24	14:53:27:21	1	Play video   StreamCircleRibbonLogo.mp4 Stream Circle Ribbon Logo [SC_1_Logo.png]	U	16:9	25:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Single	Standard	Arms	
15	14:53:27:21	00:02:20:18	00:02:26:17	14:55:54:14	1	Play video   Finch.mp4 Finch [SC_1_Logo.png]	U	12:1	16:9	23:976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Main Programme	etc	
16	14:55:54:14	00:00:18:01	00:00:18:00	14:56:12:15	1	Play video   StreamCircleLogoSwirl.mp4 Stream Circle Logo Swirl [SC_1_Logo.png]	U	16:9	25:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Arms	Standard	Single	
17	14:56:12:15	1	1	1	1	Commercials										
18	14:56:12:15	00:01:30:01	00:01:30:00	14:57:42:16	1	Play video   Alexa Loses Her Voice - Amazon Super Bowl LI Commercial.mp4 Alexa Loses Her Voice - Amazon Super Bowl LI Commercial	U	16:9	23:976	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content	Standard	HoldProgram	
19	14:57:42:16	00:01:00:00	00:00:59:24	14:58:42:16	1	Play video   Budweiser 2018 Super Bowl Commercial "Stand By You".mp4 Budweiser 2018 Super Bowl Commercial "Stand By You"	U	16:9	24:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content	Standard	HoldProgram	
20	14:58:42:16	1	1	1	1	Commercials - end										
21	14:58:42:16	00:00:08:00	00:00:07:24	14:58:50:16	1	Play video   StreamCircleRibbonLogo.mp4 Stream Circle Ribbon Logo [SC_1_Logo.png]	U	16:9	25:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Arms	Standard	Single	
22	14:58:50:16	00:01:59:24	00:01:59:23	15:00:50:15	1	Play video   infinitestorm.mp4 Infinite Storm [SC_1_Logo.png]	U	12:2	16:9	24:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Main Programme	etc	
23	15:00:50:15	00:00:18:01	00:00:18:00	15:01:08:16	1	Play video   StreamCircleLogoSwirl.mp4 Stream Circle Logo Swirl [SC_1_Logo.png]	U	16:9	25:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Standard	Single	Arms	
24	15:01:08:16	1	1	1	1	Commercials										
25	15:01:08:16	00:01:00:00	00:00:59:24	15:02:08:16	1	Play video   Budweiser 2018 Super Bowl Commercial "Stand By You".mp4 Budweiser 2018 Super Bowl Commercial "Stand By You"	U	16:9	24:000	1920 x 1080	Progressive	AVC1AAC LC (MPEG-4)	Commercial content	Standard	HoldProgram	

Novinky ve Stream Circle

# ŘEŠENÍ PRO POTŘEBY VAŠEHO WORKFLOW

- Standardní lineární kanály se sekundární grafikou, titulky a integrací na plánovací systémy
- Trvalé nebo ad-hoc kanály pro OTT platformy (FAST kanály)
- Automaticky plánované tematické kanály
- Emergency playout včetně automatizace on-premises nebo v cloudu
- Čistě softwarové nebo kombinované (SW/HW) řešení







NA ZÁVĚR

# IBC 2022 – NĚCO JAKO TRENDY

Tradiční výrobci televizních technologií se přesouvají do segmentu softwarových řešení a cloudových služeb

Výrobci enterprise řešení se tlačí do segmentu malých a středních televizních stanic a operátorů.

Vlastnosti nabízených řešení jsou definovány softwarovými nástroji.

Na trh přicházejí tzv. FAST kanály – Free Ad Supported TV channels – lineární kanály s nízkými provozními náklady na on-line platformách.

# IBC 2022 – NĚCO SE POKAZILO





*Efficiency with  
a human face*

Děkuji za pozornost

**STREAM  
CIRCLE** 