



Stream like a pro

**Expert tips for every
kind of streamer**

2026 Edition

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Contents

04	What is livestreaming?
05	Different types of streamers
	Casual
	Evolving
	Business
	Pro
	Mainstream
11	Why TriCaster?
12	TriCaster for the industry
	Enterprise
	Media & Entertainment
	Sports
14	TriCaster Vizion AI/R – Empowering every storyteller
16	Products featured & Which TriCaster is right for you?

INTRODUCTION

Welcome to the future!



Not long ago, the distance between a creator with a phone and a broadcaster with a studio was measured in millions. That gap has closed. The same protocols, the same graphics engines and the same AI tools now sit behind an all-hands town hall, a sideline interview and a global sports final. What separates them is scale, not capability.

Whether you're a content creator, a business owner, a news or sports broadcaster, streaming a religious service, or simply a fan of livestreaming, this guide is built to show you what's possible at your scale, and **what's now possible that wasn't last year**. We'll look at the different kinds of streamers, the tools behind them, and the shifts reshaping live production right now.



THE BASICS

What is livestreaming?

Livestreaming is the real-time transmission of audio and video content over the internet, letting audiences engage with events as they unfold. Unlike pre-recorded media, it delivers experiences instantly, creating immediacy and interaction. What began as a way to broadcast has become the default way organisations communicate, whether that's entertainment and news, sport, corporate and campus communications, worship, or a creator going live to their community.

The growing accessibility of high-speed internet, the proliferation of social media platforms and advancements in live production tools have transformed not only how we consume content but how creators and organisations connect with their audiences. Livestreaming has become an essential medium for anyone looking to share impactful stories, build communities and drive engagement, no matter the scale or focus.

What's changed most recently is who gets access to what. Production that once required a control room now runs in the cloud. Output that once served one screen now has to serve several at once, in more than one aspect ratio. Graphics that once needed a designer on shift now update themselves from live data. The techniques that defined high-end broadcast have moved down the scale, and fast.

That's why the categories in this guide are a starting point rather than a ceiling. A casual streamer experimenting with a phone, a college team covering its own fixtures, an enterprise running global town halls, a creator with a studio and a full-time crew, a broadcaster with sites around the world: they're at different scales, but they're increasingly reaching for the same capabilities. The rest of this guide looks at each in turn, and at what they now have in common.



Mobile accounted for 55.20% of the live streaming market size in 2025, with smart-TV usage forecast to rise at a 32.65% CAGR

Source: Mordor Intelligence

CASUAL STREAMERS

Anyone can do it, including you!

Casual streamers represent the starting point of a creative journey into the world of livestreaming. These individuals are often exploring the concept of broadcasting, going live through popular social media channels. While their goal may be to evolve into established brands, they typically operate within tighter budget constraints. Their early investments are modest, often relying on the incredible power of their daily smartphones, which have become surprisingly capable tools for content creation. As their experience and audience grow, many begin to explore more advanced tools to enhance their productions.

This is where Vizrt's **TriCaster Mini S** becomes a game-changer. Designed with accessibility and adaptability in mind, the Mini S offers casual streamers a seamless entry into professional-level production. Its approach lets users leverage the hardware they already own, making it a cost-effective route in, while Vizrt takes responsibility for the software and the experience stays intuitive and reliable.

What sets the Mini S apart is that it's the first step on a path, not a dead end. It shares the same core functionality found across the entire TriCaster lineup, so the skills you build here carry forward. If you'd rather not think about hardware at all, **TriCaster Mini X** is the turnkey option: hardware and software together in one system, optimised and pre-configured, working out of the box. And when your production outgrows the Mini family entirely, **TriCaster Prizm** is the next step, with the same interface you already know.

That's the difference between buying a product and starting a journey. Most streamers who outgrow their first setup have to throw it away and start again. **With TriCaster, you don't.**

EVOLVING STREAMERS

Lights on, cameras on, streaming on!

Evolving streamers have taken their first real steps toward professionalism. They may not have mastered every part of the craft yet, but they've invested in it: a multicamera setup, a dedicated space, maybe a small team. They're serious about levelling up, and they've reached the point where the tools have to stop getting in the way.

Evolving streamers aren't limited to individual creators. This category also includes university sports teams streaming live games, campus talk shows built around lectures and guest speakers, corporate teams producing more than the occasional town hall, and houses of worship that livestream services to connect their communities. Local churches use streaming to reach members who can't attend in person, while college football teams keep remote fans engaged week to week. Different content, same moment in the journey: outgrowing entry-level gear, with no appetite for enterprise complexity.

For streamers in this phase, Vizrt offers **TriCaster Prizm**, built specifically for the middle of the market. With 16 simultaneous inputs and configurable I/O, you decide how much of your production arrives over SDI and how much over IP, so the system fits the room you already have rather than the one you'd have to build. Native conference calling brings Zoom and Teams guests in as full participants, and a single production can feed the main broadcast, a social cut and the in-room screens at the same time. One operator, one system, ready for any event in minutes.

Control is where a good system becomes a fast one. **LivePanel Pro**, exclusive to Prizm and Vizion, rebuilds the production interface around how operators actually work: a modern widget-based layout, ready-to-use workflows, and low-latency video previews running in the browser. Real-time system feedback and intelligent state awareness mean you always know exactly what is live, what is queued and what is recording. And because it runs in a browser, you can run the show from the gallery, the back of the room or another building entirely.

But the features don't stop there. Prizm's graphics capabilities unlock real opportunities for creators looking to monetise their content. With integrated DataLink, on-screen graphics update themselves from live sources: a giving total that climbs through a service, a scoreline that never needs a keystroke, sponsor rotations that run to a schedule. A house of worship can encourage charitable donations without pulling an operator away from the vision mix, and a college football team can showcase sponsor logos to maximise partnerships. With LiveMatte™ keying and LiveSet™ virtual sets included as standard, the polish is built in rather than bought later.

With **TriCaster Prizm**, evolving streamers gain the flexibility and power to elevate their productions while staying true to their unique storytelling goals.

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We would not have been able to produce this kind of high-level, award-winning content without the new facilities, and **TriCaster** is a vital part of that set-up. The feedback from students has been great too, with them finding it easy to get to grips with the technology and start to achieve good results very quickly. **TriCaster** has been a major boost to our production capabilities.

Sophie Jolly
Lecturer and Bootcamp Manager
Stratford Upon Avon College

BUSINESS STREAMERS

Efficient, reliable and they mean business!

Business streamers are organizations that harness the power of streaming to optimize communication across multiple locations. These include mid-sized to large-scale enterprises with offices in various cities, leveraging streaming not for external broadcasting but as a tool to enhance internal connectivity. Within these organizations, dedicated professionals often manage fully equipped studios designed to produce high-quality content tailored to their needs.

These studios serve a diverse range of purposes, from hosting company town halls and internal announcements to featuring corporate guest speakers. Forward-thinking businesses are taking their operations even further, using the same studio spaces to create dynamic social media content. This dual-purpose approach maximizes their investment and shows off the versatility of a well-equipped studio.



The bar has risen with it. Broadcast-quality video, professional staging and multi-camera setups have become standard for events that used to run from a single webcam.

For most businesses that means starting with one studio, and **TriCaster Prizm** is built for exactly that room. Sixteen simultaneous inputs and configurable I/O mean it fits the space you already have rather than the one you'd have to build, over SDI, over IP, or both. Sessions run at up to 4K/60, full Live Call Connect brings Zoom and Teams guests in as participants

rather than as a window on a wall, and a single production can feed the live stream, the social cut and the screens in the room at once. One operator, one system, one afternoon to learn it. And with **LivePanel Pro** running in the browser, that operator doesn't need to be in the same building as the kit.



96%

of C-suite executives support increased investment in internal communications, with two-thirds saying "yes, definitely"

Source: State of Internal Communications Report, 2026 - Simplr

When one studio becomes several, **TriCaster Vizion** takes the same workflow further, and it's the point in the range where the cloud opens up. With **TriCaster Vizion Cloud**, the system is the same either way, with the same interface and the same capabilities, deployed wherever the event is. A flagship launch runs from the studio at head office. A regional all-hands three time zones away runs in the cloud, with no shipping, and no second system to learn.

That progression matters because consistency across sites is as important as quality at any one of them. An operator trained in London, can run the room in Singapore. And as ambition grows, the modular design lets capabilities expand with it, adding **Viz Trio** for graphics, **Viz Engine** for real-time rendering and **Viz Mosart** for automation.

PRO STREAMERS

The new leaders of the streaming world!

Pro streamers represent a new and dynamic category in the world of livestreaming. Over the last decade, these individual creators have emerged as formidable forces in digital media, rivaling established broadcasters in their ability to deliver innovative, high-engagement content. While these creators started small, they've built their own brands, attracting loyal audiences spanning the globe. Their fans are not just viewers; they're deeply engaged communities who tune in consistently, often every day, to experience high-quality, authentic and interactive content.

The scale at which pro streamers operate is remarkable. Many follow strict schedules, broadcasting live daily to cater to their devoted fanbase. They've built teams from the ground up, often working with collaborators who share their passion. Their

content is as diverse as it is unique, ranging from game and tech reviews to life vlogs and event documentation. With ad revenue, brand deals and sponsorships behind them, they've invested heavily in fully equipped studios that rival professional production setups. Multiple cameras, state-of-the-art equipment and a strong emphasis on stunning, interactive graphics define the pro streamer workflow.

To support creators at this level, Vizrt offers **TriCaster Vizion**, built for the most demanding productions in the range. It handles 44 live inputs with 12G connectivity, and SDI I/O is configurable from 0 to 16 channels on-prem systems, so the system is specified around the studio rather than the other way round. Four media players and Live Call Connect bring remote contributors and content sources in from Zoom or Teams as full participants.

LivePanel Pro puts control in the browser with a widget-based layout you build around your show rather than the other way round, which matters when you're doing it again tomorrow. When a production outgrows a single room, Vizion is also available in the cloud.

Graphics are where this level of production separates itself. They're not decorative but integral tools for viewer interaction, live chats, advertising partnerships and brand promotion, used to launch products, respond to audiences in real time and scale reach effortlessly. **Viz Flowics** adds premium live graphics directly from the cloud, with a browser-based workflow that makes them straightforward to design, manage and drop into a stream. For creators pushing further, **Viz Engine 5** brings Reality Connect and Unreal Engine 5 integration, transporting viewers into immersive virtual environments.

That ambition no longer requires a purpose-built studio. With the introduction of **TriCaster Vizion AI/R**, a creator can produce a fully branded virtual set from an ordinary room, with no green screen at all, something we look at in more detail later in this guide.



\$100bn+

paid by **YouTube** to creators, artists and media companies over the past four years

Source: Neal Mohan, CEO of YouTube, annual letter, January 2026

MAINSTREAMERS

The OG broadcasters, they laid the foundation for all of us!

Mainstream-ers stand at the pinnacle of the streaming world, commanding unparalleled reach, influence and industry-defining power. These are the titans of broadcasting, often shaping the future of an entire industry through their sheer scale and innovation. Most of these organisations started as family-owned ventures but have since grown into global media conglomerates, with a major presence in developed countries and an expanding footprint in emerging markets.

What's changed is the company they keep. The creators described earlier in this guide now compete for the same attention with increasingly similar tools, and the distinction is



Personalization or localization, anything new, cannot come without challenging the status quo. Vizrt gives us the ability to execute ideas at scale.

Siddharth Sharma
Head of Content Studios & Audience
Engagement, Sports, JioStar

no longer capability. It's scale, obligation and the standards that come with broadcasting to millions. That competition has made the industry sharper, and the broadcasters who thrive are the ones who treat it as a reason to keep evolving.

The scale involved remains unmatched. Streaming isn't part of their operation; it is their business. Their investment in state-of-the-art studios reflects the centrality of their craft, with multiple camera setups, studio locations worldwide, and crews numbering in the hundreds. Because the quality of their service directly impacts their bottom line, they rely on tools that set industry standards for reliability, flexibility and technological excellence. Historically focused on sports and news, these broadcasters have expanded into music events, movies, TV shows and on-demand content, innovating alongside the industry's evolution.

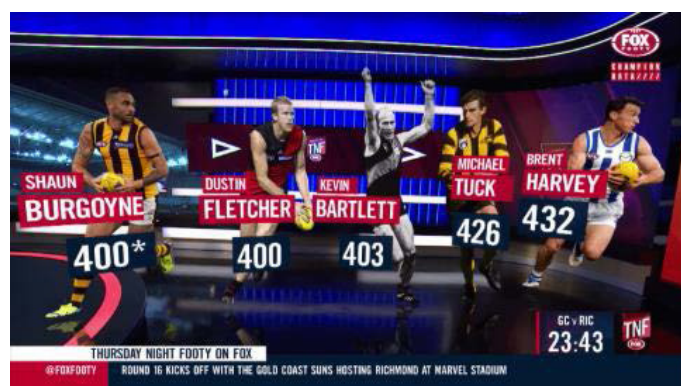
A trusted partner on that path has been Vizrt's TriCaster, a product line that has redefined how broadcasters create and distribute content for over two decades. From its inception to its most recent advancements, the TriCaster family has consistently evolved to meet the complex demands of Mainstream-ers. Features like Live Call Connect allow seamless integration of remote contributors, vital as organisations manage global production teams, while unparalleled support for NDI devices ensures low-latency, high-efficiency video tailored for large-scale operations. **LivePanel Pro** extends that further, removing the assumption that the operator and the system share a postcode.

Scale alone isn't the whole story. The ambition now is personalisation: not one feed for millions, but something closer to a million experiences for a single fan, adapted to different preferences, languages and viewing behaviours in real time. Delivering that reliably, under live broadcast pressure, is where production technology earns its place.



Most broadcasters agree on where production is heading. Far fewer have got there yet. That gap between expectation and practice is the defining tension of 2026, and it's where the difference between talking about AI and running it in a live show becomes obvious.

Vizrt has stayed ahead of that curve with tools built for the pressure of live production rather than the demo floor. Gaze correction and AI presenter tracking save valuable time during live events. The **TriCaster Vizion AI/R** goes further, separating presenters, players and guests from their surroundings in real



time and dropping them into a virtual scene with no green screen, no special cameras and no permanent studio required. For organisations running global production teams across dozens of venues, that changes where a broadcast-quality set can exist.

Viz Flowics, an adaptable HTML5 graphics solution, has proven indispensable under tight deadlines. Compatibility with over 80 data providers means broadcasters can integrate and adapt graphics to meet the high expectations of audiences around the world.

Mainstream-ers also lead in their use of professional-grade cameras, and Vizrt's **PTZ3 Plus Cameras** have become essential to their setups. With AI presenter tracking, NDI | HX3 output, embedded FreeD tracking and intuitive control from a centralised panel, these cameras are built to deliver broadcast-quality video, exemplifying the precision and versatility required to scale productions while maintaining flawless execution.

By combining TriCaster technology, Viz Flowics graphics and PTZ3 Plus Cameras, Mainstream-ers continue to push boundaries, challenge norms and redefine what's possible in broadcasting. Whether through dynamic live productions, practical uses of AI or cutting-edge camera setups, these industry trailblazers set the standard for excellence, inspiring organisations and audiences alike.



64%

of broadcast professionals expect AI to have the greatest impact on production over the next five years, while just 27% use it today

Source: Haivision,
2026 Broadcast Transformation Report



OUR TECH

Why TriCaster?

The TriCaster is one of the most trusted and reliable multi-camera video production systems designed specifically for live production. Here are some reasons why a TriCaster can be a good choice for live production:

01

All-in-one solution

A TriCaster combines the functions of a video switcher, graphics generator, video recorder and streaming encoder into a single device. That makes it a convenient and efficient solution for live production, eliminating the need for multiple pieces of hardware and software. It also removes the friction that comes with assembling a production from parts that were never designed to work together.

02

High-quality output

A TriCaster produces high-quality video output, with support for multiple HD and 4K inputs and a variety of output formats. Your production looks professional and polished whether it's streamed online, viewed on a phone or shown on a large screen.

03

Easy to use

Every TriCaster is designed to be user-friendly, with an intuitive interface and easy-to-use controls. Operators can switch between cameras, add graphics and control other aspects of the production even under pressure in fast-paced live environments.

04

Connected by design

Built on NDI® and powered by the Vizrt ecosystem, TriCaster connects cameras, graphics, audio, automation and remote contributors into one unified workflow. Add custom graphics, animations, transitions and macros that automate common tasks, and integrate the tools you use today alongside the innovations you'll adopt tomorrow.

05

One platform, from day one

Mini, Prizm and Vizion share the same core functionality and the same interface. Start with one camera and a laptop, move to a studio, expand to multiple sites, and the skills you built on day one still apply. Most production systems make you start over when you outgrow them. This one gives you the confidence to grow on one platform instead.

OUR TECH

TriCaster for the Industry

Enterprise

Employees and customers judge every internal moment against the polished content they watch every day. When a CEO steps into a boardroom, when executives brief investors, when thousands of employees tune into an all-hands, the bar has been set by Netflix, ESPN and CNBC. A grainy camera feed doesn't just look poor, it undermines the message.



\$10tn

the estimated **cost of low employee engagement** to the global economy last year, equal to 9% of GDP

Source: Gallup,
State of the Global Workplace 2026

TriCaster is broadcast infrastructure, now inside the enterprise workflow. The same reliability that powers news networks and live sports ensures executive communications, training and corporate events land with the impact they deserve, without the cost of hiring outside crews. Whether that's a town hall, a webinar, a product launch or something specific to how your organisation works, one platform covers it: real-time graphics and corporate templates rendered from the control room, and simultaneous delivery to the entire org, to remote employees and to on-demand archive from a single operator. Because it's built on NDI, the standard already embedded in Zoom and Teams, it integrates with what you have rather than replacing it.

TriCaster Mini handles webinar and meeting production with a single operator. **TriCaster Prizm** steps up to multi-camera boardroom and town hall work with broadcast-quality graphics and multi-output delivery. **TriCaster Vizion** becomes a part of enterprise-wide infrastructure, with 44 inputs and 8 M/E buses supporting every audience from one centralized platform.

Media & Entertainment

A decade ago, broadcast meant TV. Now it means TV and streaming and social and app and archive, all at once, all instantly. Social has become the front door, and a production can't afford to pick one destination. Teams stuck with single-output workflows watch competitors reach audiences in real time while they're still color-correcting.

TriCaster is the production layer bridging broadcast heritage and digital-first distribution. One control room delivers simultaneously in horizontal, vertical and square formats to broadcast, streaming platforms, social feeds and archival storage, with no redundant hardware and no format conversion bottleneck. Three feeds become fifteen outputs from one switcher and one operator. Integrated Viz Flowics graphics with live data handle lower-thirds, tickers and branded elements without manual entry or third-party vendors. Whether you're a legacy broadcaster modernising for streaming, a digital-native publisher adding broadcast capability, or an independent producer running several platform strategies at once, the workflow adapts to what you're making rather than dictating it.



52%

of fans say social platforms are their primary way of discovering new content, **rising to 73%** among Gen Z.

Source: 2026 Digital Media Trends,
Deloitte Insights

TriCaster Mini covers entry-level streaming and podcast production with 8 inputs at 4Kp60. **TriCaster Prizm** is the broadcast and streaming hybrid, with 16 inputs and simultaneous multi-platform delivery. **TriCaster Vizion** operates at an institutional scale, with 44 inputs and full **Viz Flowics** integration.

Sports

Sports productions keep getting bigger. More cameras, more graphics, more distribution channels, often with leaner or rotating crews. The audience has split almost evenly between streaming and linear, which means every production now has to serve both. Every missed moment, late graphic or dropped sponsor logo has a direct impact on revenue and reputation.

TriCaster is built for failsafe execution. Cameras, graphics, audio and live outputs sit in one production environment, so there are fewer systems to configure and fewer errors on game day. Built-in DataLink pulls live data straight into graphics without manual entry, which turns an operator into a production decision-maker rather than a data entry clerk. Macros and automation handle routine transitions, and one operator can deliver what used to require three or four. That workflow is easier to learn, run and repeat, whether the crew is a seasoned broadcast team or a rotating group of students, and it holds up equally for a high school fixture or one of the world's most demanding global broadcasts. Alongside it, 3Play Vivid covers replay, with 10-bit HDR and the choice of running on premises or in the cloud.

TriCaster Prizm suits professional mid-market sports production, with 16 inputs, broadcast-quality graphics and multi-platform output. **TriCaster Vizion** is built for enterprise-scale sports infrastructure, with 44 inputs, 8 M/E buses and full Viz Flowics HTML5 cloud graphics integration.



30%

of sports fans are most likely to use a **subscription streaming service** to watch live sports, nearly level with the 29% who choose linear broadcast

Source: IBM Sports Intelligence Report, 2026



Revolutionizing Marketing with AI-Powered



WWW.AETHERIQ.COM

WHAT'S NEW

The TriCaster you trust. The capabilities you've been waiting for.

Earlier in this guide we noted that **64% of broadcast professionals expect AI to have the biggest impact on production over the next five years, while only 27% use it today. That gap isn't about ambition. It's about which tools have arrived in a form you can actually use on a deadline.**

TriCaster Vizion AI/R is one of them. It pairs real-time AI keying with augmented reality graphics in a single integrated subscription add-on for TriCaster Vizion. Not a separate system, not a separate operator, not a separate workflow. The TriCaster you already know, with capabilities that used to sit somewhere else entirely.

AR graphics have become the production norm across broadcast sports, news and entertainment. Until now they've been locked behind complex, costly virtual studio builds and the specialist operators needed to run them. That era is over. TriCaster Vizion AI/R delivers the kind of studio capability that once required a seven-figure investment, for a fraction of it.

Here's what it does. Talent is separated from their surroundings in real time, with no green screen and no special cameras. Presenters appear inside branded scenes, stand in front of AR graphics and move around them, and remote guests are brought into the same virtual environment rather than confined to a tile on a wall. An ordinary room becomes a set. A stadium concourse becomes a studio.

This is the moment Vizion stops being the system at the top of the range and becomes the system you move to. A university athletics department that finally has the budget this year. A house of worship rethinking what its services feel like. A corporate team whose town halls have outgrown a lectern and a backdrop. TriCaster Vizion AI/R is the reason the step up now buys something you couldn't get before at any tier.

WHAT'S NEW | THE TRICASTER YOU TRUST

What it changes, depending on where you sit.

Corporate teams can build branded immersive environments and data-driven narratives for hybrid audiences, replacing flat slide decks with real-time graphics the presenter stands inside rather than beside.

College and high-school sports broadcasters can tell stories with virtual stat overlays and replay augmentation that were once the exclusive domain of major networks.

Houses of worship can craft immersive spiritual experiences with dynamic stage graphics and message visualisation, with no LED wall required.

Campus media and independent creators can access AR and AI workflows that were previously available only to flagship productions.

What connects them isn't budget, it's intent. Each of these is an organisation that decided its productions should feel different, and found that the ceiling had moved.

Two things are worth knowing before you plan around it. The AI is proprietary to Vizrt, and talent data is never captured or used to train it, which matters for sensitive or confidential productions. And it's honest about its scope: it detects people, not animals or objects, and performs best in less crowded scenes. For fully controlled, repeatable studio work, a traditional green screen still has its place.

Vizrt is building the AI platform for visual storytelling. TriCaster Vizion AI/R is the proof.



NEXT STEPS

Not sure which TriCaster is right for you?

Three questions. One recommendation, matched to how you actually produce.

[TAKE THE TRICASTER QUIZ](#)

Explore the products featured in this guide

- **TriCaster Mini:** the entry point, in software-led (Mini S) or turnkey (Mini X) form
- **TriCaster Prizm:** 16 inputs, configurable SDI and IP, built for the middle of the market
- **TriCaster Vizion:** 44 inputs, on premises or in the cloud, for productions at scale
- **TriCaster Flex and Flex Dual:** tactile control surfaces, compatible across the lineup
- **3Play Vivid:** replay with 10-bit HDR, on premises or in the cloud
- **PTZ3 Plus and PTZ3 UHD Plus:** NDI cameras with AI presenter tracking
- **Viz Connect Audio:** the first dedicated NDI audio device
- **Viz Flowics:** browser-based live graphics with live data integration
- **Viz Trio:** real-time graphics and video playout from one interface, on premises or in the cloud
- **Viz Mosart:** studio automation for repeatable, consistent shows



Ready to take the next step?

Get personalized recommendations based on your production needs, workflow, and budget.

[TALK TO A VIZRT EXPERT](#)

