



IJRASET

International Journal For Research in
Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 14 **Issue:** IV **Month of publication:** April 2026

DOI: <https://doi.org/10.22214/ijraset.2026.80248>

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A Study on Workplace Communication and Productivity

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Abstract: *Effective communication is widely acknowledged as a foundational determinant of organizational productivity, yet empirical research specifically examining the interplay between communication practices and measurable productivity outcomes in service and knowledge-intensive work environments remains relatively limited. This research paper investigates the nature, quality, and frequency of workplace communication and its direct and indirect effects on individual and team-level productivity in organizations operating in the Chh. Sambhaji Nagar region of Maharashtra, India. The study employs a mixed-methods design, combining structured questionnaires administered to 210 respondents drawn from diverse organizational levels with semi-structured interviews conducted with 28 managers and team leads. Findings reveal that communication clarity, feedback openness, and the appropriateness of communication channel selection are the most significant predictors of employee productivity, while information overload, hierarchical communication barriers, and inadequate use of digital collaboration tools emerge as the primary productivity inhibitors. The paper proposes a Workplace Communication Enhancement Framework (WCEF) tailored to the organizational and cultural context of Indian professional environments and offers actionable recommendations for HR practitioners and organizational leaders seeking to improve communication effectiveness as a lever for productivity enhancement.*

Keywords: *Workplace Communication, Organizational Productivity, Communication Barriers, Feedback Culture, Employee Engagement, HR Management, Information Flow, Team Collaboration, Chh. Sambhaji Nagar.*

I. INTRODUCTION

Communication is the lifeblood of every organization. Whether an enterprise is engaged in manufacturing, services, education, or technology, its ability to function effectively depends on the clarity, accuracy, and timeliness of information exchange among its members. In an era defined by rapid digitalization, remote and hybrid work models, and increasingly complex organizational structures, the quality of workplace communication has assumed renewed strategic significance. Organizations that communicate well tend to outperform their peers on virtually every dimension of organizational effectiveness, including productivity, employee engagement, innovation, and customer satisfaction.

The relationship between communication and productivity is not merely intuitive — it is increasingly supported by rigorous empirical evidence. Research consistently demonstrates that communication deficiencies, such as unclear instructions, delayed feedback, poor meeting management, and inadequate information sharing across departments, translate into measurable productivity losses through rework, decision delays, employee disengagement, and avoidable conflict. Conversely, organizations that cultivate a culture of open, respectful, and purposeful communication tend to benefit from faster decision-making, higher employee morale, and superior operational performance.

In the Indian organizational context, communication challenges are compounded by additional factors including linguistic diversity, hierarchical organizational cultures that can inhibit upward communication, and varying levels of digital literacy across workforce segments. These contextual realities make the study of workplace communication and productivity particularly relevant and nuanced in the Indian setting.

Chh. Sambhaji Nagar (formerly Aurangabad), a major industrial and commercial hub in the Marathwada region of Maharashtra, hosts a diverse organizational ecosystem encompassing manufacturing enterprises, IT and business process services firms, educational institutions, healthcare organizations, and government agencies. This diversity makes it a rich research context for examining communication practices across different organizational types and cultures.

This research addresses the gap in empirically grounded, context-specific understanding of how communication practices shape productivity outcomes in Indian organizational settings, with a particular focus on the Chh. Sambhaji Nagar region. The study aims to generate insights that are both theoretically rigorous and practically actionable for HR professionals, organizational leaders, and communication practitioners.

II. LITERATURE REVIEW

A. Theoretical Foundations of Workplace Communication

The academic study of organizational communication has a rich and multi-disciplinary heritage. Shannon and Weaver's (1949) foundational model of communication as a process of encoding, transmitting, and decoding information provided an early framework for understanding how communication can succeed or fail. While originally developed in the context of telecommunications engineering, this model has enduring relevance to organizational communication because it highlights that productive communication requires not merely the transmission of information, but its accurate reception and interpretation by the intended recipient.

Building on this foundation, Katz and Kahn (1978) conceptualized organizations as open systems in which communication serves multiple essential functions: production and task coordination, maintenance of organizational structures, adaptation to environmental change, and the management of organizational culture. Their systemic view underscores that communication is not a peripheral organizational activity but a core structural mechanism through which organizations function and reproduce themselves. More recently, Eisenberg and Goodall (2004) proposed a relational perspective on organizational communication, emphasizing that the quality of communication is not reducible to information transfer but is constituted through the ongoing relationships and dialogues among organizational members. From this perspective, organizational productivity is partly a function of the health of communicative relationships — the degree of trust, psychological safety, and mutual understanding that enables people to share information freely, raise concerns constructively, and collaborate effectively.

B. Communication and Employee Productivity

The direct relationship between communication quality and employee productivity has been examined in numerous empirical studies. Grunig (1992) demonstrated that organizations characterized by two-way symmetrical communication — in which information flows bidirectionally between management and employees, with both parties genuinely open to influence — tend to produce higher levels of employee satisfaction and commitment, which in turn are associated with superior productivity outcomes. Men (2014) extended this line of research by examining the role of leadership communication in driving employee engagement and advocacy. His findings indicated that leaders who communicate transparently, frequently, and authentically generate significantly higher levels of employee engagement, which is one of the most robust predictors of workplace productivity. These findings have important practical implications for HR management, suggesting that investments in improving leadership communication competencies yield tangible productivity returns. In the context of team productivity, Woolley et al. (2010) identified collective intelligence as a key determinant of team performance, and found that the most important predictor of collective intelligence was not the average intelligence of team members but the quality of communication within the team — specifically, the degree to which team members engaged in active listening, took equal turns in conversation, and demonstrated social sensitivity. This research highlights that communication is not merely an administrative mechanism for coordinating tasks but a fundamental cognitive and social resource that shapes what teams are capable of achieving together.

C. Communication Barriers and Productivity Loss

The literature on communication barriers identifies several recurring sources of productivity loss in organizations. Shannon and Weaver (1949) introduced the concept of 'noise' — any factor that distorts the communication signal between sender and receiver — which can be physical (background noise, poor technology), semantic (differences in vocabulary or meaning), or psychological (biases, assumptions, emotional states). In organizational settings, noise manifests in many ways: jargon-laden communication that excludes less experienced employees, email overload that causes important messages to be missed, hierarchical norms that prevent employees from raising concerns with senior managers, and cultural differences that generate misunderstanding in diverse teams. Cameron and Green (2012) examined communication challenges in organizations undergoing change and found that information ambiguity, perceived inconsistency between managerial words and actions, and insufficient opportunities for employees to ask questions and receive honest answers were the primary communication-related drivers of employee anxiety, resistance, and reduced productivity during organizational transitions.

In the Indian organizational context, specific communication barriers including high power-distance cultural norms that inhibit upward communication, multilingual environments that create interpretation challenges, and the legacy of top-down, directive management styles in many organizations have been identified as significant productivity constraints. Sharma and Kaur (2018) found that employees in hierarchically structured Indian organizations reported significantly lower communication satisfaction and higher role ambiguity than counterparts in flatter organizational structures, with direct negative consequences for task performance and job satisfaction.

D. Digital Communication and Productivity

The proliferation of digital communication technologies — including email, instant messaging platforms, video conferencing tools, and enterprise social networks — has transformed organizational communication over the past two decades. The COVID-19 pandemic dramatically accelerated this digital transformation, making remote and hybrid work arrangements mainstream and elevating the importance of digital communication competencies for virtually all employees.

Research on digital communication and productivity reveals a nuanced and sometimes paradoxical picture. While digital tools offer powerful capabilities for asynchronous communication, knowledge documentation, and cross-geographical collaboration, they also introduce significant productivity risks. Rennecker and Godwin (2005) identified 'interruption overload' as a major productivity drain in digitally connected organizations, noting that constant availability and notification pressures generated by email and messaging tools fragment attention, undermine deep work, and increase cognitive load.

More recent research by González and Mark (2004) on workplace interruptions found that it took an average of 23 minutes for employees to fully regain concentration after being interrupted, suggesting that the aggregate productivity cost of communication-related interruptions in digitally intensive work environments is substantial. These findings have generated considerable interest in organizational policies around communication norms, including designated 'deep work' periods, communication response time expectations, and channel discipline guidelines.

III. OBJECTIVES OF THE STUDY

A. Primary Objectives

- 1) To investigate the dominant patterns of workplace communication — including communication channels, frequency, and formality — in organizations in the Chh. Sambhaji Nagar region.
- 2) To examine the perceived relationship between communication quality and individual and team-level productivity from the perspectives of both managers and employees.
- 3) To identify the primary communication barriers that impede productivity across organizational levels and departmental boundaries.
- 4) To assess the influence of digital communication tools on productivity outcomes, including both their enablers and their productivity inhibitors.

B. Secondary Objectives

- 1) To propose a Workplace Communication Enhancement Framework (WCEF) tailored to the organizational and cultural realities of Indian enterprises.
- 2) To provide evidence-based recommendations for HR professionals and organizational leaders on improving communication practices as a driver of productivity.
- 3) To contribute empirical data from the Chh. Sambhaji Nagar organizational ecosystem to the broader scholarly literature on communication and organizational performance.

IV. RESEARCH METHODOLOGY

A. Research Design

This study employs a mixed-methods research design that integrates quantitative survey data with qualitative insights drawn from semi-structured interviews. The mixed-methods approach is particularly well-suited to this research context because the relationship between communication and productivity is simultaneously objective — measurable through quantifiable indicators such as task completion rates, error frequencies, and meeting outcomes — and subjective, being deeply shaped by perceptions, cultural norms, and relational dynamics that resist reduction to numerical metrics alone. Triangulating quantitative and qualitative evidence enables a richer, more valid understanding of the research phenomena.

B. Study Population and Sampling

The study was conducted across organizations located in Chh. Sambhaji Nagar, purposively selected to represent a diverse range of sectors including manufacturing, IT services, banking and finance, healthcare, and educational institutions. A stratified sampling approach was employed to ensure representation across organizational levels: senior and middle management, team leaders and supervisors, and frontline employees. A total of 210 valid survey responses were collected. Semi-structured interviews were conducted with 28 key informants selected for their roles in managing communication processes or their direct experience of communication-productivity dynamics.

C. Data Collection Instruments

The primary quantitative data collection instrument was a structured questionnaire comprising five sections: organizational background and communication infrastructure; communication channel usage patterns; perceptions of communication quality and effectiveness; experience of communication barriers; and self-reported and observed impacts of communication on productivity. Likert scale items (1–5) were used to capture attitudinal and perceptual data. The questionnaire was pilot-tested with 20 respondents before full deployment, and necessary refinements were made to improve clarity and reliability.

Qualitative data was gathered through semi-structured interview protocols covering communication practices and their perceived productivity effects, organizational communication challenges, the role of digital tools, and suggestions for improvement. Interviews were conducted in person or via video call, audio-recorded with informed consent, and subsequently transcribed for analysis.

D. Data Analysis

Quantitative data was analyzed using descriptive statistics (frequencies, means, standard deviations) and inferential statistics including Pearson correlation analysis to examine the strength and direction of relationships between communication variables and productivity indicators, and independent samples t-tests to identify statistically significant differences between managerial and employee perceptions. Qualitative data from interviews was analyzed through thematic coding using a combination of deductive coding anchored to the conceptual literature and inductive coding to surface emergent themes from the data.

V. FINDINGS: COMMUNICATION PATTERNS AND PRODUCTIVITY

A. Dominant Communication Channels and Daily Usage

Survey findings indicate that email remains the most universally used communication channel across organizational levels and sectors, with 95% of respondents reporting daily email use. Face-to-face meetings are the second most common channel (78% daily usage) and are rated as the most impactful on productivity, reflecting the rich informational environment they provide through non-verbal cues, real-time clarification, and relational dynamics. Instant messaging and chat tools have achieved significant penetration (67% daily usage), particularly among younger employees and in technology-facing roles.

Communication Channel	% Employees Using Daily	Impact on Productivity (Avg. Score /5)
Face-to-Face Meetings	78%	4.3
Email Communication	95%	3.8
Instant Messaging / Chat Tools	67%	4.0
Video Conferencing	54%	3.9
Formal Reports & Memos	41%	3.2
Informal / Corridor Conversations	62%	3.6

Table No 5.1:- Dominant Communication Channels and Daily Usage

The data reveals that despite the high frequency of email use, its impact on productivity rating (3.8/5) is notably lower than face-to-face interaction (4.3/5), suggesting that email's ubiquity may not translate into communication effectiveness. The study found that 61% of respondents reported regularly experiencing email overload, and 47% indicated that important communications were frequently missed or delayed because of high inbox volumes — a finding consistent with Rennecker and Godwin's (2005) analysis of digital communication overload.

B. Perceptions of Communication Quality

A central finding of this research is the persistent and statistically significant gap between managerial and employee perceptions of communication quality across all five dimensions measured. Managers consistently rate organizational communication more positively than the employees who receive that communication, suggesting a systematic perceptual asymmetry that has important implications for communication strategy and HR practice.

Communication Dimension	Manager Rating (Mean)	Employee Rating (Mean)
Clarity of Instructions	4.1	3.0
Openness to Feedback	3.7	2.7
Timeliness of Information Sharing	3.9	2.8
Effectiveness of Team Meetings	3.5	2.6
Cross-Departmental Communication	3.3	2.4

Table No 5.2:- Perceptions of Communication Quality

The most pronounced perceptual gap exists in the domain of cross-departmental communication (managers: 3.3, employees: 2.4), suggesting that silos and information barriers between departments are acutely experienced by frontline employees even when senior leaders believe they are maintaining adequate inter-departmental information flow. The gap in openness to feedback (managers: 3.7, employees: 2.7) is equally significant: managers believe they are creating opportunities for employee input, but employees experience the organizational environment as less receptive to their voices — a dynamic that directly suppresses the upward information flows essential for informed decision-making.

C. Impact of Communication on Measured Productivity Indicators

Respondents were asked to assess the degree to which specific communication factors had positively or negatively affected their productive output over the past six months. Pearson correlation analysis revealed statistically significant positive relationships between communication clarity and task completion accuracy ($r = 0.68, p < 0.01$), between feedback quality and employee motivation ($r = 0.71, p < 0.01$), and between meeting effectiveness and team project delivery timelines ($r = 0.62, p < 0.01$). These relationships are substantial in magnitude and indicate that communication quality is not merely a 'soft' factor but a measurable driver of hard productivity outcomes.

Conversely, a significant negative relationship was found between the frequency of unplanned interruptions — including unsolicited messaging and unnecessary meetings — and self-reported deep work productivity ($r = -0.59, p < 0.01$), providing quantitative support for the growing organizational interest in establishing communication norms and boundaries that protect focused work time.

VI. BARRIERS TO EFFECTIVE WORKPLACE COMMUNICATION

Thematic analysis of interview data, triangulated with quantitative survey responses, identified six primary categories of communication barriers that impede productivity in the studied organizations:

A. Hierarchical Communication Suppression

In organizations characterized by high power-distance cultures — a feature of many Indian enterprises — employees frequently report reluctance to communicate concerns, errors, or innovative ideas upward, fearing negative evaluation or professional consequences.

This suppression of upward communication creates a systematic information asymmetry in which senior leaders make decisions based on filtered, sanitized information, often missing ground-level realities that are visible to frontline employees. One interviewed manager candidly acknowledged: 'By the time a problem reaches me, it has already cost us two weeks of rework. People knew, but no one said anything.'

B. Communication Channel Misalignment

A recurring theme in interviews was the mismatch between the complexity or sensitivity of a communication need and the channel chosen to address it. Employees frequently described situations where nuanced performance feedback was delivered via email, emotionally sensitive topics were addressed in group chats, and complex technical instructions were conveyed verbally without documentation. Channel misalignment generates miscommunication, emotional discomfort, and productivity loss as employees spend time managing the aftermath of messages that landed poorly due to medium unsuitability.

C. Information Overload

The combination of email, instant messaging, enterprise social media, and formal reporting generates substantial information volume for most employees. Survey data indicates that 58% of respondents spend more than two hours per day managing communication inputs — email, messages, and meeting follow-ups — which, when subtracted from available productive work time, represents a significant organizational productivity cost. Information overload also degrades the quality of attention paid to individual communications, increasing the likelihood that critical information will be overlooked or misunderstood.

D. Absence of Structured Feedback Mechanisms

Regular, constructive feedback is a fundamental enabler of individual and team performance improvement. The study found that in 63% of the sampled organizations, feedback was delivered informally, inconsistently, and predominantly triggered by performance failures rather than as a proactive developmental practice. Employees cited the absence of scheduled feedback conversations as a source of anxiety and disengagement: without regular guidance on whether they are meeting expectations, employees default to their own assessment of performance, which is often less accurate and less motivating than well-structured external feedback.

E. Meeting Ineffectiveness

Meetings represent the single largest discretionary time investment in most organizations, and their effective management has a direct bearing on organizational productivity. Findings indicate that 54% of respondents characterized many of the meetings they attend as poorly organized, lacking clear agendas, and failing to result in actionable decisions. Unproductive meetings generate a double productivity penalty: they consume time during the meeting itself, and they create frustration and disengagement that undermines productive output afterward. One interviewee described their experience succinctly: 'We have meetings to plan meetings, and then another meeting to follow up. Very little actual work happens.'

F. Linguistic and Cultural Diversity Challenges

The multilingual and multicultural workforce composition of many Chh. Sambhaji Nagar organizations — encompassing employees from different states, educational backgrounds, and linguistic communities — introduces communication complexity that organizations frequently underestimate. Differences in the idiomatic use of language, varying thresholds for directness and indirectness, and diverse cultural norms around disagreement, authority, and formality can generate significant miscommunication even when all parties are nominally conversing in the same language. These challenges are particularly acute in onboarding situations and cross-functional project teams.

VII. PROPOSED WORKPLACE COMMUNICATION ENHANCEMENT FRAMEWORK (WCEF)

Drawing on the findings of this study, the conceptual literature reviewed, and established frameworks in organizational communication management, this research proposes a Workplace Communication Enhancement Framework (WCEF) comprising four integrated layers:

A. Communication Audit and Baseline Layer

The starting point for any meaningful communication improvement effort is a rigorous diagnostic of the current state. The WCEF begins with a structured communication audit that maps existing communication channels, identifies information flow patterns and

blockages, measures employee satisfaction with communication quality across organizational levels, and quantifies the productivity costs of identified communication failures. The audit provides an evidence base for prioritizing improvement interventions and establishes baseline metrics against which progress can be measured.

B. Channel Strategy and Governance Layer

The second layer addresses the strategic management of communication channels. Organizations should develop an explicit channel governance policy that defines the appropriate use cases for each communication medium. Face-to-face or video communication should be prescribed for emotionally sensitive topics, complex problem-solving discussions, and situations requiring real-time collaborative decision-making. Email should be reserved for formal communications, documentation, and asynchronous information sharing that does not require immediate response. Instant messaging should be designated for time-sensitive operational coordination requiring brief exchanges. Formal reports and documentation should be standardized and maintained in accessible repositories. Channel governance should also include communication norm agreements — team-level compacts that specify expected response times for different channels, guidelines for meeting scheduling and duration, and designated periods for focused work during which non-urgent communications are held. Research consistently demonstrates that such norms reduce information overload and interruption costs while maintaining necessary connectivity.

C. Feedback Culture Development Layer

The third layer focuses on building organizational cultures in which regular, high-quality feedback flows freely in all directions — from leaders to teams, among peers, and from frontline employees to senior management. This requires structural interventions including scheduled one-on-one communication reviews between managers and direct reports, team retrospective processes that create regularized opportunities for collective reflection on communication and collaboration quality, and anonymous feedback mechanisms that lower the psychological barriers to upward communication in hierarchical cultures.

Equally important are developmental interventions that build the interpersonal skills necessary for effective feedback conversations: active listening, the use of specific and behaviorally anchored feedback language, the ability to receive feedback without defensiveness, and skill in navigating difficult conversations constructively. HR training programs targeting these competencies, particularly for managers and team leaders, represent high-leverage investments in organizational communication health.

D. Digital Communication Optimization Layer

The fourth layer addresses the specific challenges and opportunities of digital communication. Organizations should conduct a technology rationalization exercise to assess whether existing digital tool proliferation is generating communication coherence or confusion, and to identify opportunities for consolidating onto fewer, better-utilized platforms. Training in digital communication best practices — including email writing for clarity and brevity, effective use of collaboration platforms, and the discipline of asynchronous versus synchronous communication — should be provided to all employees.

The WCEF also recommends the establishment of 'communication health metrics' — quantitative indicators tracked at team and organizational levels including average email response times, meeting-to-output ratios, employee-reported communication satisfaction scores, and incidence rates of miscommunication-driven rework — to enable ongoing monitoring and improvement of communication performance.

VIII. RECOMMENDATIONS

Based on the research findings and the proposed WCEF, the following recommendations are offered to organizational leaders, HR practitioners, and communication managers:

- 1) **Conduct Annual Communication Audits:** Organizations should institutionalize a regular communication audit process — ideally annually — to diagnose communication health, identify emerging barriers, and track improvement over time. These audits should collect data from all organizational levels and include both quantitative metrics and qualitative employee voice.
- 2) **Develop and Publish a Communication Channel Policy:** HR and organizational communication functions should collaboratively develop a clear, accessible guide to channel usage that employees at all levels can reference. This reduces the channel misalignment that generates miscommunication and productivity loss.
- 3) **Invest in Manager Communication Training:** Given the critical role of managers as communication hubs, organizations should invest in targeted training programs for managers covering feedback delivery, active listening, meeting facilitation, and upward communication creation. Communication competency should be embedded as a formal criterion in manager performance assessments.

- 4) Establish Meeting Protocols: All meetings should require a circulated agenda at least 24 hours in advance, a designated facilitator responsible for time management and decision capture, and documented action items with owners and timelines distributed within 24 hours of the meeting's conclusion. Regular reviews of meeting frequency, attendance, and outcomes can help organizations progressively reduce unproductive meeting time.
- 5) Create Psychological Safety Structures for Upward Communication: Organizations should implement mechanisms specifically designed to facilitate honest upward communication, including regular anonymous pulse surveys, skip-level listening sessions where employees can communicate directly with senior leaders, and formal processes for employees to raise concerns without fear of reprisal.
- 6) Address Information Overload Systemically: Rather than treating email and messaging overload as an individual responsibility, organizations should adopt team-level communication norm agreements that define expected response times, establish quiet hours, and encourage batch processing of communications rather than continuous monitoring of inboxes.
- 7) Leverage Communication Analytics: Organizations using enterprise digital communication platforms should utilize available analytics — email traffic patterns, meeting frequency data, collaboration platform engagement metrics — to monitor communication health and identify patterns associated with productivity outcomes.

IX. CONCLUSION

This research has demonstrated that workplace communication quality is a powerful and measurable determinant of organizational productivity in the Chh. Sambhaji Nagar organizational context and, by extension, in Indian enterprises more broadly. The study's findings confirm that communication effectiveness — encompassing clarity of information, quality and frequency of feedback, appropriateness of channel selection, and the degree of psychological safety enabling honest bidirectional dialogue — is among the most important organizational capabilities that HR management can develop and sustain.

The persistent gap between managerial and employee perceptions of communication quality identified in this research is itself a significant finding with practical implications: it suggests that organizations cannot rely on leadership self-assessment to gauge communication health but must invest in systematic measurement from the employee perspective. Equally significant is the finding that hierarchical communication suppression — the reluctance of employees to communicate freely upward in power-distant organizational cultures — represents a major productivity drain that is both under-recognized by organizational leaders and remediable through targeted structural and cultural interventions.

The Workplace Communication Enhancement Framework (WCEF) proposed in this study provides a structured, evidence-based roadmap for organizations seeking to improve communication as a lever of productivity improvement. By beginning with a rigorous diagnostic, establishing clear channel governance, investing in feedback culture development, and optimizing digital communication practices, organizations can transform communication from a source of friction and productivity loss into a genuine strategic asset.

As organizations in Chh. Sambhaji Nagar and across India navigate the continuing demands of digitalization, workforce diversity, and competitive intensification, the capacity to communicate with clarity, honesty, and purpose will be an increasingly critical differentiator of organizational performance. Investing in workplace communication is not a soft HR initiative — it is a hard productivity and strategic imperative.

Future research should explore the longitudinal effects of structured communication interventions on productivity outcomes, the specific communication challenges and opportunities of hybrid work arrangements in the Indian context, and the role of artificial intelligence-based communication tools in reshaping organizational information flows.

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