

Governance and Authority Q&A;

CCI.ID.1 - who defines it, who holds authority, and what is and is not yet decided

Color Communication Infrastructure - September 30, 2026

CCI.ID.1 is a pre-production specification. Each answer below is labeled so readers can distinguish factual status, engineering implementation, adopted policy, designed architecture and matters not yet determined. **Implemented engineering** means built and exercised in engineering against recorded evidence; it does not imply formal verification, production hardening, certification or global scale.

Label	Meaning
Current status	The factual institutional or operational position as of September 30, 2026.
Implemented engineering	Built and exercised in engineering against recorded evidence.
Adopted CCI policy	A position CCI has formally adopted.
Designed architecture	Part of the CCI architecture as designed, not yet demonstrated.
Not yet determined	No policy position has yet been adopted.

Who CCI is

1. What is Color Communication Infrastructure?

CURRENT STATUS

Color Communication Infrastructure (CCI) is the institution responsible for CCI.ID.1, a persistent communications identity for calls, messaging and video. CCI defines the common identity, authority and resolution framework. Participating communications systems provide transport and service delivery according to their role. Color Communication Infrastructure is a trading name of Arrowmane Limited, registered in England and Wales.

2. Who developed CCI.ID.1?

CURRENT STATUS

CCI.ID.1 was invented by Matthew Smith, founder of Color Communication Infrastructure, and developed through CCI.

3. Who controls CCI.ID.1 today?

CURRENT STATUS

CCI defines the CCI.ID.1 specification, the authoritative identity framework and the rules that govern it. The CCI Registry is not yet in live operation.

4. What is CCI responsible for?

CURRENT STATUS / NOT YET DETERMINED

CCI defines the common elements that are the same for every participant: the identity, authority and resolution framework and the authoritative records that support it. CCI does not govern telecommunications networks or telephone numbering. Public policies for issuance, eligibility, transfer and dispute handling are not yet determined.

The CCI Registry

5. What is the CCI Registry?

ADOPTED CCI POLICY / CURRENT STATUS

The CCI Registry is the registry function of CCI: the authoritative record of CCI.ID.1 identities, including issuance, authority state and the reference used for resolution. It is not yet in live operation.

6. Is the CCI Registry the same thing as Color Communication Infrastructure?

ADOPTED CCI POLICY

No. CCI is the institution. The CCI Registry is a function of CCI.

7. Who holds authority over an individual CCI.ID.1 identity?

IMPLEMENTED ENGINEERING / NOT YET DETERMINED

The implemented architecture records identity separately from authoritative control state and supports reassignment of control without replacing the identity. This has been exercised in engineering for individual, organizational and persistent-role identities. Public policy on how authority is established, transferred or contested is not yet determined.

8. Is the registry function currently open?

CURRENT STATUS

No. The registry function is not in live operation. No public issuance or transfer route is open.

9. Are public registrars currently being appointed?

CURRENT STATUS / ADOPTED CCI POLICY / NOT YET DETERMINED

No registrar has been appointed and no public appointment route is open. CCI has adopted that qualifying device and operating-system providers, network providers, communications platforms and service providers may be authorized as identity registrars. Registrar authority is granted separately from integration rights. The terms under which registrar authority will be granted are not yet determined. A CCI.ID.1 identity is not bound to the registrar that issued it; continuity across a change of registrar is designed.

Telephone numbering, networks and regulation

10. How does CCI coexist with E.164 numbering?

IMPLEMENTED ENGINEERING / DESIGNED ARCHITECTURE

CCI Gateway provides coexistence between CCI-native identity and numbered communications infrastructure. Communication from existing telephone networks into CCI-native endpoints has been implemented, as has bidirectional SMS interworking as demonstrated. Broader interoperability depends on the participating environment. Obligations attached to telephone numbering continue to apply to numbered services during transition.

11. Is CCI.ID.1 intended to replace telephone numbers?

ADOPTED CCI POLICY

CCI.ID.1 is intended to supersede the telephone number as the canonical communications identity. Coexistence is the transition condition: numbered networks remain part of the environment, and CCI Gateway connects the two. No timetable for the withdrawal of E.164 numbering has been set.

12. Does CCI replace telecommunications networks?

ADOPTED CCI POLICY

No. CCI.ID.1 supersedes the telephone number as an identity. It does not replace networks, which continue to provide transport.

13. Does CCI replace regulators, governments or standards bodies?

ADOPTED CCI POLICY

No. CCI does not replace governments, regulators or standards institutions. It operates subject to the law and regulation of each jurisdiction in which CCI.ID.1 is deployed.

14. How does CCI relate to existing telecommunications regulation?

ADOPTED CCI POLICY / NOT YET DETERMINED

Regulation of numbered services, including obligations attached to telephone numbers, continues to apply to those services during transition. The regulatory treatment of CCI-native identity and endpoints in each jurisdiction is not yet determined and is assessed for each deployment.

Scale, safeguards and status

15. Can CCI operate across different networks and platforms?

IMPLEMENTED ENGINEERING / DESIGNED ARCHITECTURE

The identity stays the same; the route can change. Native identity-to-identity communication, legacy-network ingress, native browser termination and two-way communication to a target holding no telephone number have been implemented. Continuity across endpoint replacement has been implemented. Continuity across handset or network change, and federated resolution across separately operated zones, are designed.

16. How could governance develop as CCI scales?

DESIGNED ARCHITECTURE / NOT YET DETERMINED

The architecture is designed for federation, including zones controlled by licensees. The governance arrangements that would accompany federation, including any role for licensees, regulators or independent participants, are not yet determined. CCI will publish those arrangements before they take effect.

17. What prevents operational authority from being confused with ownership of users' identities?

IMPLEMENTED ENGINEERING / NOT YET DETERMINED

The implemented architecture separates the authoritative record from the identity holder's control state, and reassignment of control can occur without changing the identity. The policy that will limit CCI's own power over issued identities, including any circumstances in which CCI could suspend or reassign an identity, is not yet determined.

18. Does CCI.ID.1 support emergency calls?

CURRENT STATUS / ADOPTED CCI POLICY

Emergency communications for CCI-native endpoints are not part of the current implementation or the Evaluation. Obligations attached to telephone numbering, including emergency access, continue to apply to numbered services during transition. The treatment of emergency access for CCI-native endpoints is assessed for each deployment and jurisdiction.

19. What is operational today, and what remains designed or future work?

CURRENT STATUS

CCI.ID.1 is a pre-production specification. **Implemented** means built and exercised in engineering against recorded evidence. It does not mean formally verified, production-hardened, certified or demonstrated at global scale.

Capability	Status
Native identity-to-identity communication in voice, messaging and video	Implemented
Two-way communication to a target holding no E.164 endpoint	Implemented
Identity persistence across endpoint replacement	Implemented
Endpoint authorization, concurrent multi-endpoint service and selective withdrawal	Implemented
Bidirectional SMS interworking	Implemented, as demonstrated
Legacy-network ingress	Implemented
CCI.ID.1 resolution	Implemented
Native browser termination	Implemented
Identities for organizations and persistent organizational roles	Implemented
Reassignment of control without changing the identity	Implemented
Color as a deterministic visual representation	Implemented
Persistence across handset and network change	Designed
Verification that a presented identity is controlled by the presenting party	Designed
Federated cross-zone resolution	Designed
Registry function	Not in live operation

No capability currently holds Verified status. Reputation signals, where used, are supplied by networks; CCI has no reputation capability.

Press: press@colorci.com - Media: colorci.com/media