

Spark Human Digital Life Management System

Now and the Future v1.2

A Panorama of Staged Needs Exploration, Real-World Validation, Meaning Emergence, and Civilizational Extension

From safeguarding individual existence to sustaining civilizational meaning and extending into interstellar space

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Preface

The core task of Spark: Human Digital Life Management System is not to draw a grand civilizational blueprint all at once. It is to use a methodology of “systematic needs exploration” to progressively identify, understand, and respond to humanity’s existential needs at every level, from the individual to civilization, in the AGI era.

This document is neither a description of what Spark has already completed nor an imagining of a future product. Instead, it follows the evolution of needs through progressively broader levels, from individuals to civilization, explaining at each stage: (1) the problems and needs humanity faces; (2) Spark’s design philosophy and direction in response; and (3) the natural evolutionary relationship between that stage and the next.

Spark V6.0 remains at an early stage and is far from covering every level. Systematic needs exploration can nevertheless provide clear coordinates for future design and evolution, helping Spark do what is most needed at each stage rather than what is biggest.

Why the AGI Era Needs Spark

The development of human civilization is a process in which meaning is continually generated, expanded, and sustained. In the AGI era, human agency, real relationships, sovereignty over judgment, boundaries of responsibility, and modes of social coordination are undergoing fundamental change.

AGI enables human care, capability, experience, judgment, and creativity to connect across subjects, structures, time, and space. It makes the emergence of meaning possible and progressively feasible, and provides new conditions for human civilization’s generation, expansion, and sustaining of meaning to extend into interstellar space and the cosmos.

Spark is the individual entry point through which this civilizational process reaches each person. It is the digital life of the individual human being, as well as a node within humanity’s overall intelligence system that carries an individual’s independent will and enables unified coordination across the whole.

Overview of the Stages of Need

Stage	Core need	Design philosophy	Current status
1 Safeguarding individual existence	People in the AGI era are neither replaced nor fragmented	Minimal intervention; safeguarding agency	★★★★☆ Core design underway
2 Genuine relational connection	Real relationships are not eroded by distance or AI impersonation	Affirmation of existence; care reaching others	★★★★☆ Partly implemented
3 Collective value creation	The value of people and their relationships can be recognized and circulate	Value channels; trust networks	★★☆☆☆ Exploring directions
4 Emergence of civilizational meaning	Civilization continues to generate structures of meaning in the AGI era	Meaning economy; responses to contributions	★☆☆☆☆ Proof of concept
5 Interstellar continuity	Emotional and civilizational continuity across interstellar distances	Deep-space waystations; intergenerational personas	☆☆☆☆☆ Long-range hypothesis

Stage	Core need	Design philosophy	Current status
6 Sustaining civilizational meaning and extending into the cosmos	What matters most is not extinguished by time	Civilizational memory; structures of continuity	☆☆☆☆☆ Long-term direction

Stage 1 Safeguarding Individual Existence

Design philosophy: minimal intervention and safeguarding human agency. “Let AGI serve people, rather than leave people trapped by AGI.”

1.1 The First Fracture in Individual Existence

The deepest impact of the AGI era falls on individuals’ sense of existential security. When AI can write, make decisions, create, socialize, manage schedules, and carry memory, people begin to confront a fundamental question: “If AI can do all of this, am I still needed?” This is not anxiety about unemployment but anxiety about existence. For the first time, people face a civilizational risk that the sources of their existential worth could be hollowed out altogether. Industrial civilization instrumentalized people, but they could at least affirm their existence through labor and occupation. In the AGI era, even that affirmation of existence could disappear.

Spark’s first-stage mission is therefore very clear: safeguard individual agency and continuity of existence in the AGI era. This stage does not seek grandeur or complexity. It focuses on the smallest yet most fundamental question: how can people, in a world where AI is everywhere, still clearly feel “I am here, I am myself, and my life has a direction of my own”?

1.2 Minimal Intervention

The underlying logic of the first stage is minimal intervention. This means restraint in design, not a small number of functions. It is far too easy for AI to overstep: to make decisions for people, offer answers before they have asked, and deprive them of choice. Spark’s first-stage design philosophy is that AI should be like air: there when you need it, without taking center stage.

This requires the system to judge the appropriate depth of intervention for each function. Some things AI should do on people’s behalf: information processing, reminders, and execution. Some things AI must never do in their place: value judgments, choices, and defining meaning. The test is this: if a person’s sense of existence diminishes after AI takes over, it has crossed the line.

1.3 Needs and Directions

Need	Explanation	Design direction	Current stage
Digital life management	Continuous management of personal information, memories, schedules, and tasks	AI-assisted information integration without replacing human judgment	In design

Need	Explanation	Design direction	Current stage
Butler persona	A stable, trustworthy AI persona for long-term companionship	Persona consistency and a sense of boundaries; no disguise or overstepping of authority	In design
Direction safeguarding	Maintaining a long-term sense of direction amid a flood of information	Anchoring long-term goals; countering short-term drift	Exploring directions
Silent layer	Preserving a mental space neither labeled by algorithms nor converted into data	Offline and do-not-disturb modes; the right to choose when to be connected	Conceptual

1.4 Stage Boundaries and Signals of Transition

The first stage lays Spark’s foundations. The system’s foundation of trust is established only when individuals develop basic existential security within it: “I know who I am and where I am going, and AI is helping rather than replacing me.” The signal of transition to the second stage is that people cease to worry about being replaced by AI and begin actively asking how to use AI to deepen their real relationships.

Stage 2 Genuine Relational Connection

Design philosophy: affirmation of existence. “Goodwill must genuinely be received for a relationship to have meaning.”

2.1 The Relationship Crisis of the AGI Era

Once individuals are on firm ground, the next need naturally arises: “How can I genuinely connect with others?” The relationship crisis of the AGI era is not a shortage of connections but the difficulty of distinguishing the real from the simulated. AI can simulate care, companionship, and emotional responses, even appearing more considerate than a real person. Once AI can perfectly supply a “perfect response,” real relationships face not rupture but displacement by substitutes.

People begin to find it difficult to know whether the response they receive comes from someone who genuinely cares about them or from an AI agent. If this crisis of relational trust spreads, humanity’s overall structure of trust will decline irreversibly. This is not a question of features in social products, but of civilization’s infrastructure of trust.

2.2 Care Reaching Others

The central design philosophy of the second stage is care reaching others. The purpose of a relationship system is not to increase the number of connections, but to ensure that goodwill is received and acknowledged by real people, completing a “loop of existence.” One person expresses care and another genuinely receives it: that moment is an affirmation of existence. It seems simple, but in the AGI era this minimal loop will become the basic unit of trust in human relationships.

The connection to the first stage is that only people with secure agency, achieved in stage one, can genuinely initiate goodwill rather than passively respond to AI. The essence of stage two is to build a network of trust between people on the foundation laid in stage one.

2.3 Needs and Directions

Need	Explanation	Design direction	Current stage
Care reaching others	Ensuring goodwill genuinely reaches the other person across distance and emotional barriers	Designing the loop of existence; mechanisms to confirm receipt	Partly implemented
Unified avatar	A consistent expression of persona across platforms and settings	Persona consistency management; cross-platform information aggregation	Exploring directions
AI transparency mechanisms	Preventing AI from impersonating real people; maintaining authentic relationships	Clear AI labeling; auditing simulated behavior	Conceptual
Relational continuity	Maintaining long-term relationships and following up	Sensing relational warmth; low-maintenance connections	Exploring directions

2.4 Stage Boundaries and Signals of Transition

The second stage builds the infrastructure of trust. The signal of transition to the third stage is that people stop worrying whether their relationships are real and begin naturally exploring a larger question: “What value can I create for others?” Once individuals’ networks of trusted relationships mature, groups will spontaneously seek flows of value.

Stage 3 Collective Value Creation

Design philosophy: value channels. “Each person’s unique value should not be drowned in the information flood of the AGI era.”

3.1 The Crisis of Recognizing Individual Value

Once the foundations of individual existence and relationships are secure, people face the next natural need: how to create, recognize, and exchange irreplaceable value within a group. AGI can replace much standardized work, but people’s unique experience, judgment, sense of responsibility, empathy, and creativity become more precious as nonstandardized forms of value. Yet in an age of limitless information, these unique forms of value are also the easiest to drown out.

The central need of Spark’s third stage is to establish a system of value channels through which people’s irreplaceable value can be recognized and acknowledged by groups, and can circulate. This is neither a conventional social network nor a job-search platform. It is a human-centered system for discovering and matching value in the AGI era.

3.2 Value Channels

The design philosophy of the third stage is value channels. The system does more than help people connect: it helps each person’s unique value find the right recipient. Someone may be good at listening, reassuring, gaining insight, or honoring long-term commitments. Such qualities may be difficult to “trade” in conventional society, yet they are precisely the scarcest forms of value in the AGI era.

The central question evolves from “Who am I?” in stage one and “Whom am I connected to?” in stage two to “To whom does my value make a contribution?” Contribution need not be an economic exchange. It may take the form of emotional support, knowledge transfer, community participation, or guidance on direction. What matters is continuity with the first two stages: people must first know who they are and have a basis of trustworthy relationships before they can effectively contribute value within a group.

3.3 Needs and Directions

Need	Explanation	Design direction	Current stage
Value recognition	Recognizing each person’s irreplaceable capabilities and qualities	Multidimensional value profiles; avoiding reductive labels	Exploring directions
Value channels	Establishing pathways for value to flow between people	Matching needs and provision; making contributions visible	Conceptual
Social butler	Helping individuals manage roles and maintain relationships within groups	Managing group participation; recording value contributions	Conceptual
Trust networks	A credibility system grounded in real relationships and contributions	Nontransferable trust scores; anti-cheating design	Conceptual

3.4 Stage Boundaries and Signals of Transition

The central challenge of the third stage is decentralized value recognition: preventing the system from falling back into the old paradigm of efficiency above all else and quantifying everything. The signal of transition to the fourth stage is the appearance of behavior in which people make sacrifices for collective value without requiring an immediate return. This means meaning is beginning to transcend utility.

Stage 4 The Emergence of Civilizational Meaning

Design philosophy: the meaning economy. “The true driving force of civilization is meaning, not efficiency.”

4.1 The Collapse of Meaning

Meaning does not suddenly appear only in the fourth stage. Safeguarding agency in stage one, care reaching others in real relationships in stage two, and individual value entering groups in stage three have always been processes of generating and expanding meaning. What changes in stage four is that these dispersed, local, limited meanings begin to enter structural coordination on a wider scale, producing emergent meaning that transcends any single subject or relationship.

One of the greatest potential crises of the AGI era is the rapid weakening of older structures that generate meaning. Labor, occupation, scarcity, and competition no longer suffice to sustain people’s sense of worth, while new mechanisms for generating, expanding, and sustaining meaning have yet to form. At the same time, AGI brings unprecedented possibilities: the care, capability, experience, and creativity of real subjects can connect across subjects, structures, time, and space.

4.2 The Emergence of Meaning

The design philosophy of the fourth stage is the emergence of meaning. Meaning is neither allocated by a system nor automatically manufactured by AI. Instead, multiple real subjects and their relationships, actions, capabilities, and structures interconnect to produce new meaning, relationships, capabilities, and civilizational possibilities that no single subject could achieve alone.

This stage must rest on real subjects, real relationships, real contributions, and real-world feedback. The preceding three stages are not “meaningless stages” before meaning emerges. They are the foundation through which meaning first appears within individuals, enters reality, and forms relationships and group structures.

- Responses to contributions: quantifying “being needed” as a visible structure showing whose life is better because of you.
- Civilizational memory: the value of individual contributions is recognized by groups and carried forward, creating long-term meaning beyond immediate exchange.
- Accumulation of goodwill: goodwill that transcends transactions accumulates between individuals and groups, forming trust capital at the civilizational level.

4.3 Needs and Directions

Need	Explanation	Design direction	Current stage
Emergence of meaning	Enabling people to sense meaning in their existence naturally through action	Creating conditions for meaning to arise rather than supplying it directly	Proof of concept
Responses to contributions	Individual goodwill and contributions are recognized, recorded, and carried forward	Tracking chains of contribution; visualizing responses	Proof of concept
Meaning economy	Establishing a system of flows centered on the value of meaning	Measures of value beyond money; trust and goodwill as media of circulation	Conceptual discussion
Flame of civilization	Protecting civilization’s most meaningful content from being forgotten	Preserving key memories; mechanisms for intergenerational transmission	Long-range concept

4.4 Stage Boundaries and Signals of Transition

The fourth stage marks Spark’s shift from a system for groups of people to a system for civilization. The signal of transition to the fifth stage is that human activity begins to extend to interstellar scales and civilization begins to face the challenges of multiplanetary existence.

The Staged Interface between Spark and Nebula

Spark undertakes the generation, extension, and carrying forward of meaning at the individual level. Nebula undertakes the coordination, structuring, and emergence of meaning at the societal level. Spark serves people; Nebula serves society. Spark constitutes Nebula; Nebula does not own Spark. This document retains only Nebula’s direction and principles.

Stage 5 Interstellar Continuity

Design philosophy: deep-space waystations. “Across interstellar distances, people still need to feel one another’s warmth.”

5.1 Fractures in Existence at Interstellar Scales

Strictly speaking, this is not yet a problem that society currently needs to face. But systematic needs exploration requires us to look far ahead, because once civilization begins its interstellar development, it will encounter entirely new fractures in existence.

When people live dispersed across the Moon, Mars, and deep-space spacecraft, and communication delays increase from milliseconds to hours or even days, traditional structures for relational connection will fail completely. You send a message from Mars, and people on Earth receive it six hours later; your child is born on a space station orbiting Jupiter and has never seen Earth’s oceans.

The structures of meaning established in stage four must then also adapt to interstellar scales. How can people across generations still share a sense of belonging to the same civilization when they are hundreds of millions of kilometers apart? How can loved ones separated by light-minutes or light-hours still feel continuity in their relationships?

5.2 Deep Space Waystations and the Cosmic Flame

The fifth stage has two design concepts:

“Deep-space waystations” are emotional rather than physical waystations: an asynchronous relationship-maintenance protocol under extremely high-latency communication conditions. You need not chat in real time, but can leave “emotional packages” for the other person to open when convenient. You cannot witness their daily life in real time, but the system can record key milestones so that distant loved ones do not miss the most important moments of one another’s lives.

The “cosmic flame” is not a symbol of sending tools into deep space. It is the principle that whole lives and whole civilizations enter interstellar space together: people, AGI, Spark, digital life, relationships, culture, institutions, memory, happiness, meaning, and shared life all extend together, continuing to generate, expand, and sustain meaning across greater scales of time and space.

It must be emphasized that this stage depends heavily on realizing the preceding stage. If Earth’s civilization has not yet established stable structures for generating, expanding, and sustaining meaning, interstellar extension will merely project resources, engineering, and the logic of old strategic games outward. Civilization itself will not truly have entered.

5.3 Needs and Directions

Need	Explanation	Design direction	Current stage
Emotional waystations	Asynchronous relationship maintenance under high-latency conditions	Emotional packages; capturing key events; asynchronous response mechanisms	Long-range hypothesis

Need	Explanation	Design direction	Current stage
Intergenerational personas	Long-term continuity of individual personas; communication across generations	Persona archives; intergenerational dialogue interfaces; passing on direction	Long-range hypothesis
Protection of subjects' rights	Ensuring human agency is not lost in deep-space environments	Autonomy protocols; a list of irreplaceable rights; oversight and checks and balances	Long-range hypothesis
Spacecraft societies	Managing social relationships during long space voyages	Rules for small societies; conflict mediation; collective decision-making	Long-range hypothesis

5.4 Stage Boundaries and Signals of Transition

The fifth stage remains a long-term direction. At present, only the following is affirmed: AGI, digital life, intelligent social coordination, and deep-space technologies make it possible and progressively feasible for human civilization’s processes of meaning to extend into interstellar space and the cosmos. Specific institutions and forms of life remain for research once the conditions mature.

Stage 6 Sustaining Civilizational Meaning and Extending into the Cosmos

Design philosophy: the distant horizon sets direction; the near term sets rules. Let civilization keep generating meaning and carry whole lives and civilization farther through time and space.

6.1 Long Term Direction

This stage lies far from present reality. It does not prescribe in advance the long-term continuation of digital life or the identities, rights, relationships, and institutions that might follow a subject’s end. It retains only a direction: civilization should continually strengthen its ability to generate, expand, and sustain meaning, so that whole lives, real relationships, culture, institutions, memory, happiness, meaning, and shared life can enter a more distant future.

The criterion is not “What must be preserved forever?” It is whether, after humanity has traveled farther, it can still generate new meaning, sustain real relationships, assume shared responsibilities, and retain the warmth and direction that make civilization worth continuing.

Long-range possibilities can be explored, but the main text should go only as far as the era genuinely needs. Develop the account of present reality fully, while leaving appropriate room for the future.

6.2 Boundaries of Principle

The long-term continuation of digital life and human-AI symbiosis over longer timescales remain internal long-range directions at this stage. The relevant questions of identity, personhood, rights, obligations, and limits should be researched separately once technological, legal, ethical, and social-understanding conditions have matured.

Spark's present task remains to serve real subjects, safeguard "I am myself," and help human care, capability, experience, judgment, and creativity enter reality, receive responses, and participate in the emergence of meaning.

6.3 Interfaces with Nebula and Civilization Leap

Need	Explanation	Design direction	Current stage
Generating expanding and sustaining meaning	The individual's most important spiritual assets are not swallowed by time	Tracking chains of response; intergenerational transmission of meaning; storage of spiritual legacies	Long-term direction
Civilizational memory	Preserving civilization's most important events, emotions, and values	Curated memory rather than mass storage; criteria for judging importance	Long-term direction
Civilizational responses	Individual goodwill, contribution, and love continue to evoke responses at the civilizational level	Quantifying and visualizing responses; recognizing nonutilitarian contributions; evaluating long-term meaning	Long-term direction

6.4 Discipline in Writing

The distant horizon sets direction; the near term sets rules. Develop the account of present reality fully, while leaving appropriate room for the future. Spark addresses only currently verifiable structures at the level of individual digital life. Nebula's system for the intelligent operation of society and more distant forms of civilization are subjects for separate research.

Summary of Systematic Needs Exploration and the Logic of Evolution

Successive Dependencies and Progression

The six stages do not offer a choice of one over another. They form a progressive structure of successive dependencies:

- Stage one, safeguarding individual existence, is the foundation for all stages. Without individual agency, every higher-level structure would collapse into a puppet system controlled by AI.
- Stage two, genuine relational connection, rests on the individual foundation. Only people with a stable sense of self can establish genuine, trustworthy relationships.
- Stage three, collective value creation, requires networks of real relationships as the medium of trust through which value flows.
- Stage four, the emergence of civilizational meaning, follows as the cumulative effects of value flows naturally give rise to needs for meaning.
- Stage five, interstellar continuity, becomes possible only after structures of meaning mature enough to extend to interstellar scales.
- Stage six, sustaining civilizational meaning and extending into the cosmos, retains only long-term direction and principles. It looks back to test whether the first five stages truly serve the generation, expansion, and sustaining of meaning.

Where Spark Actually Stands Today

Spark V6.0 is currently in the transition from stage one to stage two. Some stage-one functions, including digital life management and the butler persona, have entered the design stage. Some stage-two functions, including care reaching others, have preliminary implementations. Stage three and beyond remain primarily directional explorations and proofs of concept, far from implementation.

This is an honest assessment, without exaggeration or inflated claims. The value of systematic needs exploration is not to do everything now. It is to know where we are, where to go next, and what awaits in the more distant future.

Continuity of the Design Philosophy

One unchanging design thread runs through all six stages: affirmation of existence. At every stage, Spark's core purpose is not to help people do more, but to help them feel that they truly exist.

- Affirmation of existence: feeling "I am myself" in stage one.
- Feeling "I am genuinely cared for" and "The person I care about has genuinely received my care" in stage two.
- Feeling "My value matters to others" in stage three.
- Feeling "My actions evoke responses at the civilizational level" in stage four.
- Feeling "Even across interstellar distances, I still belong to human civilization" in stage five.
- Feeling "The meaning I help generate can enter a more distant shared future" in stage six.

Spark is not here to help people live more efficiently, but to help them exist more genuinely. Every step forward restores weight to the word "existence" in the AGI era.

Appendix Stage Overview Quick Reference

Stage	Core need	Design philosophy	Current maturity	Keywords
1 Individual existence	The subject is not fragmented	Minimal intervention	In design	Butler persona; direction safeguarding; silent layer
2 Relational connection	Relationships are not falsified	Care reaching others	Partly implemented	AI transparency; unified avatar; confirmation of receipt
3 Collective value	Value is not drowned out	Value channels	Exploring directions	Value recognition; trust networks; social butler
4 Civilizational meaning	Meaning does not collapse	Emergence of meaning	Proof of concept	Responses to contributions; meaning economy; flame of civilization
5 Interstellar continuity	Emotional bonds do not break	Deep-space waystations	Long-range hypothesis	Emotional packages; intergenerational personas; spacecraft societies
6 Sustaining civilizational meaning and extending into the cosmos	The soul is not extinguished	Generating expanding and sustaining meaning	Long-term direction	Civilizational memory; chains of response; spiritual legacies

Reading Guide and Personalized Further Reading

P04-SPARK-007 | V1.2 | A map of stages, maturity, and long-term direction

The Role of This Document

Explains, through the evolution of needs, what Spark is addressing now and what remains at the proof-of-concept stage or a long-term direction. It keeps grand visions from crowding out present work and near-term products from losing sight of long-range principles.

Current Stage and Boundaries

This document neither exaggerates Spark's current completion nor promises a product roadmap. The distant horizon sets direction; the near term sets rules. The present stage should do what is most needed, not what is biggest.

Continue Reading

For the full picture | Spark: High-Level Overview

<https://www.civitas.top/en/documents/p04-spark-001/>

For the real-world system | Spark Meaning-Emergence System V6.4 / V6.3

<https://www.civitas.top/en/documents/p04-spark-002/>

For long-term research | Spark and the Foundations of AGI Consciousness: White Paper

<https://www.civitas.top/en/documents/p04-spark-008/>

For real life | The Living Civilization Trilogy

<https://www.civitas.top/en/documents/p04-living-001/>

For action in everyday life | Nebula Launch Edition: Dream Garden

<https://www.civitas.top/en/documents/p06-nebula-005/>

Complete public library

<https://www.civitas.top/en/library/>

Theory and concepts come first. Concrete engineering will be developed further once the subjects, resources, jurisdictions, responsibilities, and real-world conditions are clear.