Gemstone Communications,Inc(GCI)

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Solution Profiles from Gemstone Communications, Inc
(Safe-based e-Govern/social Applications for communication homeland security & people-safe notice)

Gemstone Communications, Inc., the team was started up from ICs design-in since 30 years ago. This is based on the 1st 10 years. For team's 2nd 10 years, we extra added module/system ODM/OEM design-in service for the trustable & loyalty business partner. For the 3rd 10 years (the last 10 years), we were invited to join e-Govern related projects due to 100% Taiwan-base company. In the next on-going 10 years, team will involve more AI-server related AIoT (Artificial intelligence of things) which our solution design-in value is also embedded w/ cybersecurtity IC-hardware konw-how as real safty requirement. Team's secure AIoT system would in-depth contribute for mandatory Zero-Trust eGovern project & would be especially important for Defense Industry cooperation.

About our developed AIoT system solution, the diversified applications can include from social disaster prevention into people warning & from homeland security into drone /airplane /ship /vehicle alarming. Because, system solutions include the powerfule AI-server usage & secure-IC design-in which is the niched contrubution from Gemstone platform team. that can create more exactly decision-making processes. Absolutely, this is designed to include IC-grade cybersecurity gateway to protect this storaged data & the processing message in safe/secure condition.

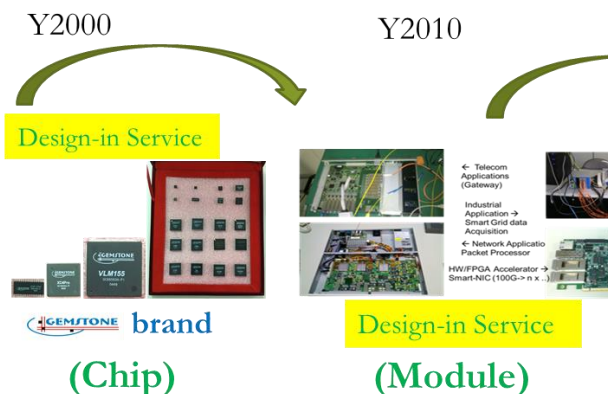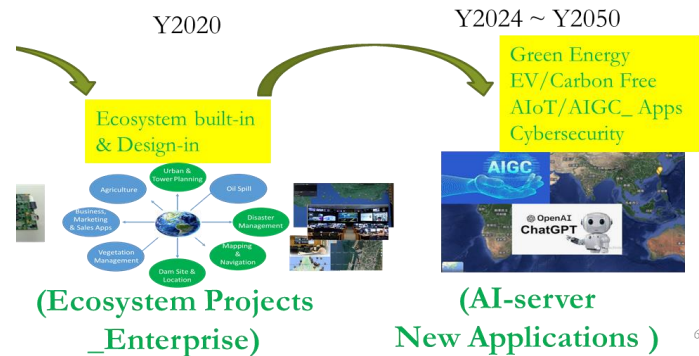### Figure 1   Team Solution Core Value (the past)

(Chip)   **(Module)**

Figure 2   Team Solution Core (On-going)

(Ecosystem Projects _Enterprise)   **(AI-server New Applications)**

To summarize, we build the convenient & resilient system (Gemstone-platform) for smoother tailored solution preparation to partner , then the tailored solution build us stronger, too. Secured by cybersecurity gateway & Powered by AI-server, the Wireless /SDR /B5G (Satellite) communications AIoT and the advanced software systems, they are reshaping the nature and complexity of human-helpful AIoT system usage. They are prosperously applied for eGovern /enterprise, for Defense Industry/C4ISR into quicker achievement.

In particular, AI-training & AT-inference can provide organizations /companies with better insights that help to create more exact & prompt decision-making processes. Absolutely, this Gemstone platform has selfown IC-grade design-in cybersecurity gateway to protect this storaged data & processing message in safe/secure condition.

We (Gemstone platform) are honor to deeply support such kind of Defense Industry AIoT & cybersecurity solutions. We definitely confidentially support your tailored projects requirement, too

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The following is Gemstone platform service solution model. Figure 3 、Figure 4 & Figure 5 are solution templates. For more details, we can dialogue as confidential discussion to meet Gemstone partner benefits during cooperative period.
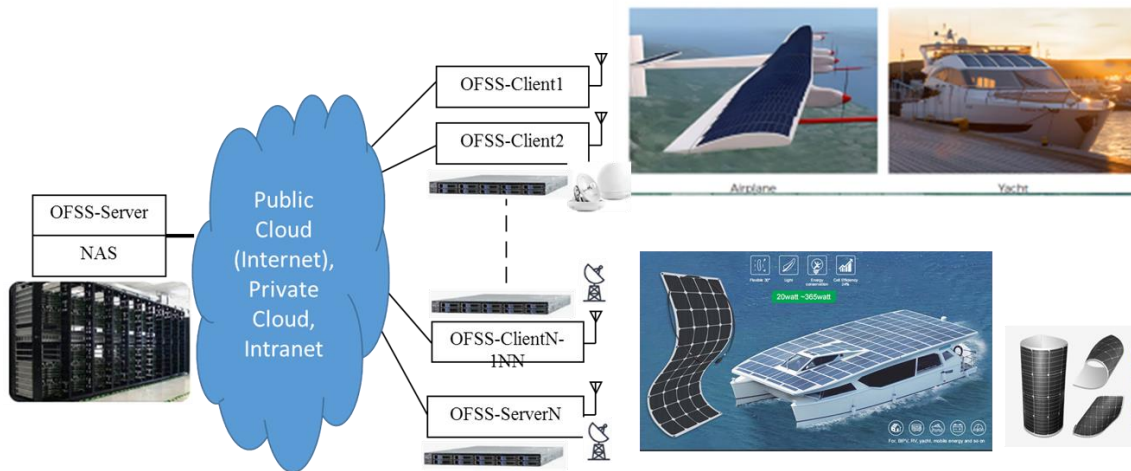

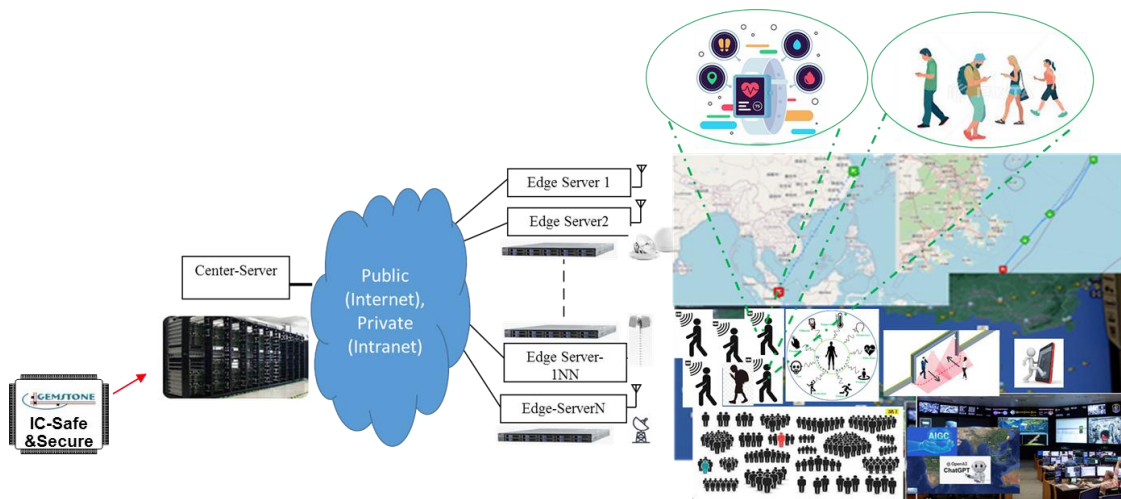**Figure 3   (GIS AIoT System-device) Solution from Gemstone platform**

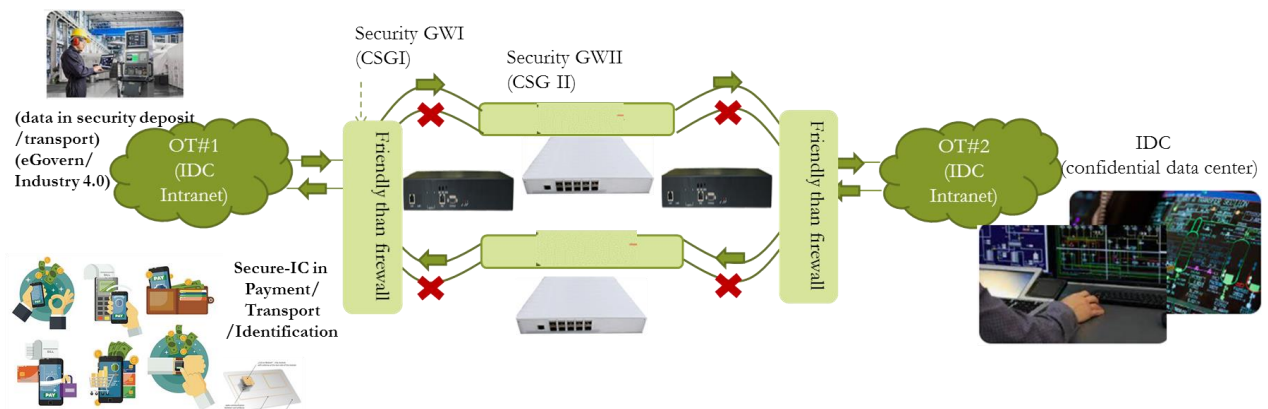**Figure 4   (GIS AIoT System-human) Solution from Gemstone platform**

Figure 5   (Cybersecurity Gateway) Product Solution from Gemstone platform
(Deep Defense anti-hacker embedded w/ hardware IC-grade)