```
+-----------------------------------------------------------------+
|   +-------+   +-------+               +-------+                  |
|   | App 1 |   | App 2 |    ...        | App n |   Application|
|   +-------+   +-------+               +-------+                  |
+-------------^-------------------------+-------------------------+
              |Capability Exposure|  Intent Input
              |                   |
+-------------+-------------------v-------------------------------+
|                        Instance of Digital Twin Network |
|   +-------+   +-----------------------+   +-------+             |
|   |       |   | Service Mapping Models |   |       |           |
|   |       |   |   +-------------------+ |   |       |           |
|   | Data  +---> |Functional Models | +---> Digital|           |
|   | Repo- |   | +-----+-----^------+ |   | Twin  |             |
|   | sitory|   |       |     |        |   | Network|            |
|   |       |   |  +-----v-----+------+ |   | Mgmt  |            |
|   |       |   <---+ | Basic Models   | <---+       |           |
|   |       |   |   | +-------------------+ |   |       |          |
|   +-------+   +-----------------------+   +-------+             |
+---------^-----------------------------+-------------------------+
          |                             |
          | data collection            | control
+---------+-----------------------------v-------------------------+
|                      Physical Network                           |
|                                                                 |
+-----------------------------------------------------------------+
```