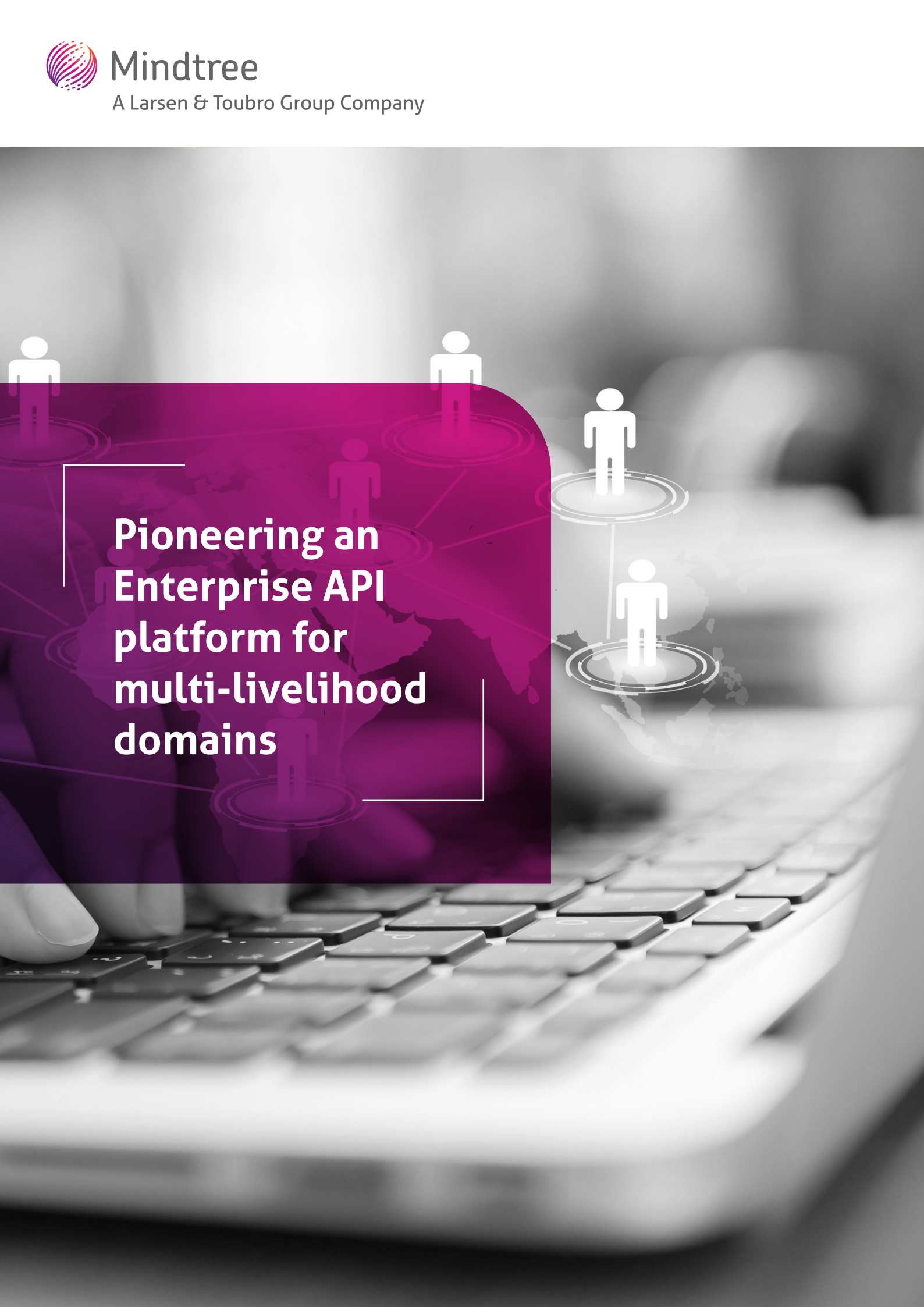




Mindtree

A Larsen & Toubro Group Company



**Pioneering an
Enterprise API
platform for
multi-livelihood
domains**

The Client ---

A Mindtree initiative to simplify waste management and transform the livelihood of waste pickers

Challenges ---

- Simplify waste management and transform the livelihood of waste pickers
- Build a Livelihood Platform, not just an Application System for waste/ragpickers
- Connect the ecosystem including waste generators (house/apartment), collectors, and buyers
- Microservices based multi-tenancy platform
- Handle unpredictable workloads

Solutions ---

- Easy and one click script-driven setups for the whole environment using cloud formation
- Highly available and auto scalable containerized infrastructure using EC2 and Docker
- Secure Private Cloud to isolate critical resources
- Manage multiple infrastructure environments easily
- AWS S3 as elastic content store and AWS RDS as an elastic and flexible Transactional store

Benefits ---

- Acquired elastic capacity for unpredictable workloads
- Achieved always-on data and compute availability
- Implemented security isolation across environments
- Provided elastic content storage for growing binary assets
- Essential scaling out as per the demand spike
- Increased agility for incremental updates
- Reduced administration overhead