Claims:

1. An additive manufacturing system, comprising:

a central station at a first location, wherein the central station is arranged to receive data from a remote station, and process the data to generate manufacturing files; and

an additive manufacturing device, at a second location, wherein the additive manufacturing device is arranged to communicate with the central station to receive the manufacturing files, and manufacture an object based on the manufacturing files, the additive manufacturing device comprising:

a resin vessel for containing a material which is polymerisable on exposure to radiation;

a build platform having a build surface arranged to have an object manufactured thereon;

a radiation source positioned to irradiate uncured material on the build surface to manufacture the object;

a print capsule housing, wherein the print capsule housing is arranged to receive a print capsule that provides the material in the resin vessel and that comprises an identification tag that is arranged to provide a set of manufacturing instructions upon interrogation;

a curing station arranged to receive and cure the object; and

at least one washing station arranged to receive the cured object, and wash the cured object to make the object ready for use by an end user,

wherein the curing station, and the at least one washing station are located on a rotatable tray that is arranged to sequentially rotate each station for receiving the object.

2. The system according to claim 1, wherein the remote station is at the second location.

3. The system according to claim 1, wherein the data comprises dental information.

4. The system according to claim 1, wherein the additive manufacturing device is arranged to automatically commence a manufacturing operation upon receipt of the manufacturing files.

5. The system according to any one of claims 1 to 4, wherein the central station is arranged to communicate with a plurality of additive manufacturing devices at a plurality of locations.

6. The system according to any one of claims 1 to 5, wherein the central station is arranged to communicate with a plurality of remote stations at a plurality of locations.

7. The system according to any one of claims 1 to 6, wherein the print capsule comprises a metered volume of resin corresponding to a particular number of manufacturable objects.

8. The system according to any one of claims 1 to 7, wherein the manufacturing instructions comprise information corresponding to one or more of: a type of resin, volume of resin, a particular number of objects manufacturable from the volume of resin, and a type of object for which the print capsule is to be used.

9. The system according to any one of claims 1 to 8, wherein the identification tag comprises an RFID tag, a barcode, or a QR code.

10. The system according to any one of claims 1 to 9, wherein the additive manufacturing device further comprises a reader arranged to interrogate the identification tag.

11. The system according to claim 1, wherein the washing station comprises a washing vessel arranged to receive the object, and an agitation assembly that is arranged to create turbulence in the washing vessel.

12. The system according to claim 11, wherein the agitation assembly comprises a washing magnet in a base of the washing vessel, wherein the washing magnet is in magnet communication with a guide magnet beneath the washing vessel, and wherein the guide magnet is coupled to a motor and pulley system arranged to rotate the guide magnet and consequently the washing magnet.

13. An additive manufacturing method, comprising:

receiving, from a remote station by a central station at a first location, data;

processing, by the central station, the data to generate manufacturing files;

communicating, by the central station, the manufacturing files to an additive manufacturing device at a second location; and

manufacturing, by the additive manufacturing device, an object based on the manufacturing files, wherein the additive manufacturing device comprises:

a resin vessel for containing a material which is polymerisable on exposure to radiation;

a build platform having a build surface arranged to have an object manufactured thereon;

a radiation source positioned to irradiate uncured material on the build surface to manufacture the object;

a print capsule housing, wherein the print capsule housing is arranged to receive a print capsule that provides the material in the resin vessel and that comprises an identification tag that is arranged to provide a set of manufacturing instructions upon interrogation;

a curing station arranged to receive and cure the object; and

at least one washing station arranged to receive the cured object, and wash the cured object to make the object ready for use by an end user,

wherein the curing station, and the at least one washing station are located on a rotatable tray that is arranged to sequentially rotate each station for receiving the object.